ADIBASI

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A quarterly journal of Tribal & Harijan Research com-Training Institute, Orissa

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Davelopment.	and	culture-A	view	fron

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				-Dr.	B.	D.	Sharma

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Editorial

Vol. XXVI, No. 3 September, 1986 This falles sub-continue represents a results of ward cells, flagistic mode continued presents that places greatly like a fixed great with the continued as required to the continued for the co

In the content of program, a new look at this collect forests has become essential. These communities are in different stages of économic and educational development. Hunca, many programmas of economic development are boing implemented to armiferate their conditions, while treating this identity and collected one unificated to the extract soutiful.

There is no decring the fact that these communities require special attention for that development is order to bring them lets the cardinal manifesters and to be of per with other communities. To formulate and implement mesoringful place and programmes for their upfitment, it is equantite to know about their way of life, their critique, their each and experiences.

"ADBASE" eithe at bringing borne to the public in general and the Phononism. Authorologism. Booklegism and Administrators in perfolar the colonist rains and mode at twing of the Schodded Tribles and Schodulind Casins to exhibit them to perform the tasks properly and accessfully. It also also at modifying the process of cultival change in the notion of each development.

This issue includes three articles covering different aspects of tribal culture and development which will difficiely provide the readers with many useful information and approaches to the subject.

Nityanarda Patrock

ADIBASI

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ABOUT THE JOURNAL

This is a quarterly journal published in March, June, September and December by the Tribal and Harijan Research-cum-Training Institute. Shubanesway, Oriess. Articles dealing with research findings in various social sciences. davelopmental strategies and other co-veleted marters emphasing the problems of the Schedulod Castes and Scheduled Tribes on published in this lournal. It also publishes reviews of books pertaining to the aforementioned subjects. Bodiesing with this issue as Editorial Roard

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Contributions based on Anthropology, Demography, Eponomics. H u m s n Geography, Museology, Planning and Sociology with particular reference to Scheduled Castte and Scheduled Tribes are levised. The orticles should be type-written in double spate on one side of ball feelegap paper. Invariably two copies of the article should be sent. The contributors should also not forget to give their bio-data in a separate sheet alonowith the article and its brief synopsis. No remunitation is paid to the contributors. Only twenty-live off-prints of the articles are supplied. Two copies of the books should be sore for purpose of review.

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DEVELOPMENT AND CULTURE

A VIEW FROM INDIA'S TRIBAL WORLD

Dr. Sitakant Mahapatra

Tribals account for 776 per cent of India's and Andres Produck and the Western parts of population. They number 622 million or pur the opunity. These regions account for about the first India and India and

TABLE 1

Angulation of Scheduled Tribus in India by States*

			1881		1871	Increese
State		Population (millions)	Per cent of total population	Population (millions)	Per cent of total population	1981-71
(1)		(2)	(2)	(4)	(8)	(8)
Andhre Pradesh		3:2	8-9	22	8-1	484
Assem		2-2	11-0	1-8	11:0	37-8
Biher		8-8	8:3	4-9	8-8	184
Qujantt	,.	40	14-2	3-8	14-7	20-3
Madbyn Pradesh		6-6	8:2	9/8	7:8	52-6
Meghalaya		11	80-6	0.8	89.4	37.5
Orlans		0.0	224	5-1	284	18-7
Rejouthen		42	12:2	21	12-2	38.5
West Bengal	_	91	8-0	. 20	8-9	19-2
Others (Incl. VI)	à e	4-2		94	-	-
All India Tribate		82:3	76	43.1	76	27-2

They occupy around 187 per cent of the total recommissi area of the country, usually in the difficult and inhospitable termin in the hills and valleys. The soil her generally low productivity. The tribal communities of India vary widely in their decrees of isolation, sevels of acculturation. nutabors and attinography. There are about 250 miles communities in India speaking 105 Japousote and acceper 225 subsidiary distances. So far as numbers are concerned the tribul communities range all the way from the Sentals, number less than 100 or communities like Mankirdis and Thansa Who number less than 1000 ench. Obviously their social god cultural volume life-styles and the page of modernisation and enwantic development very very widely. The and eatherers to settled pessent cultivetors.

Agriculture in mostly at the subsigence level, often based on slash and burn sechniques or shifting cultivation. A recent study conducted by the Administrative Staff College of Hyderahad reveals that production from land is very inadequate or maintain a household at subsistance tenal. They have therefore to demand on carbaring miner forest produce for maintaining a case-makin areasomic balance and to aurelement the monte randon from the land. Geographiculty included above fire to access which are not facilities. Their economy is nety slowly nertine monottend. Familianat in actuals is low and strop dud seen year high. Percentage of literary compares very untryourably with the general Eastern States) where the tribals are more westernised and phristianised than in rest of the

TABLE 2

Unation Rate in Scheduled Tribes compared to Total Population by States (Cansus 1971)

		Tritt	el Populatio	on	Total
		Total	Male	Female	Population
	%		%	%	%
Andres Predesh	 	0.0	8-3	21	24-6
Assem	14	200	348	57.2	28-7
Dibar	***	11-8	18-4	4-8	19:9
Guident		141	21-0	0.5	35-8
Medbys Predesh	43	7-5	12-0	2:2	221
Maharashria	**	11:7	19:1	4.2	39.2
Maghalaya		26-4	30:1	22.8	20.5
Criesa	**	9.5	18:4	28	26.2
West Bengal		1 00	146	31	33-2

Many of them possess a west-lash accio-customievatent alrong kinasho bootds, a stable village requirement and a fastly both and performing arts. They also allow the properties of the many control of the properties of the properties of the other properties of the properties of the properties of the last properties of the properties o senth colours and unless supplemental primary colours, are also of a very high seed expinitions and complexity. This Storm principalities and complexity. This Storm principalities the wealth of the primart (Scholar) have extracted world vide attention. Versite Elevan had documented course of its 17 76694 476 of ABSAGE India. A more comprehensive documentation and entiryles does by this outside linking this plantic survivous of its rifest base to copy, even of its flowester soon from the property of the pr

stratty oning to be published. The Santale of Fastern India build houses which are well-known for their symmetry, clustdiness, alcounce and they print the walls with florel morifs and esometrical designs. Most of the tribal communibriked to rifuel performances at the recurring familyals of the applicational overla and occasions of lifecrises or rites of passages such as birth, manicos, death and estainment of pulsary. This socker has translated and edited with civiles introductions seven entirologies of such one poetry of the Indian tribes. These song-goeins revest a high degree of competence in using Language, a preference for use of symbols stron in matter-of-fest day-so-day social communication and an statudo of celebrating His even in the midst of poverty and degrivation. They reveal a stree of gratitude for the fact of being alive and a mood of acceptance of life on its own terms almost in an existential way. There is no feshionable despair, cynicism or turning

Thus a fairly high level of social and cultural expression co-exists with sognomic backwardness and lepistor in the tribal world of India.

back on it's.

Right up to the end of the sixties the low density of population in the tribal areas made notsible a responsible balance between the system of agricultural production through shifting cultivation and dependence on the forset. However with the passage of time the population of the tribal communities has incleased. On the other hand non-dation pressure in the plains have also pushed up the non-tribal people to those areas. Besides this a number of Industrial, Mining and Imigation Projects have come up in the tibel areas which has resulted in the association of relies land for public gurpees and depletion of public Janet. All this has reached in the beat of most arable land and the tribels have been forced to become even more dependent on the hill slopes and the forest. On the other hand, increasing demand for fuel and timber in the plains has sleo multiplied and this has resulted in the shrinkage of forest areas.

Combitation of these above factors has recorded in the tribals living fading in a stable deliminating economic and environments attaction. As the area on which they depend for autispance dicreases the restation of shifting outlivation on a particular patch becomes faster. This in both reliefs and factorists of all fertilier.

lette yield and in tome areas even accelerated

Boto interpretation point to policy in facilities as supplied to produce the size of the size of the restriction of the policy of the policy of the policy of the policy of the education of the policy of the education of the policy of the policy

On the whole the central objective of Distallar development has been three color-exponence progress with a view to listepess their with the rest of the community on a footing of equality while analytising their cultural monitorary to the toppes extend possible. There exists the progress of the community of the progress which will make the progress of the control o

The objective of the development policy is that to work though their socio-caltural inestitutions, petting right emphasis on the ecology of the region and fulling into account the hiba's dependence on the forest and hill-alopes.

All generalisation about the tribal' world of lodia will sulfer from a depre of over-simplify-

cation. However, certain general supposits of the mechanism of thorse and modernission can be examined and canditations drawn. This author has had the privilege of weeking among a large number of titles in Eastern India perjectularly Oriess. Bilter and West Sengal among whom we seem or the major communities like the Eentals, the Law Mundas and the Eorde's as well as the smaller communities like the Juang and the Knyast,

It is possible to apeak of a folk-tribal continuum in the findium apoils attention. However, the real felic traition and the findium apoils absolute the findium traition and the tribal traditions differ in certain essential features. The real-folk social system is dominated by the non-stable, majorite of whom hoppies to be caster—Mindue analysis of whom hoppies to be caster—findium value of the certain and the caster of the caster o

wonficently. The tribel societies on the other hand, have some degree of commonhois and partifeliam in the shows aspects as also in their and occur to disease and sickness, He and dects and the community's stribude to religion and moden values, modesnuctors and necitionlidermines all such amounts and value systems there is also often a starch for their own ideal by. the rects. Ethine, culture tends to bolide socioe-forci associam. Writing about Musigan Amerino faced with the anonymity and sense of loss by the service of urban life. Americo Pavoda (1968) notes the responses of the individual in sucking to ove some meuting to employed, some dignity and individuality to humanit, by shoring up his rules with the first and places of his other past."

Eginic Londy's table: steeps on a disputiest man of eighter follows. The enjoyenships and the strike of the strike

This sense of identify and coloural settlinings deflore a silvest depret or some incident settlines deflored and the sense it apply from other socially world works enoughts. It is no that some that the that applicates in India are applicately deflored from their counterparts in Africa where the constitute the predominant majority and is major case careful publical power and within the predominant majority and is major case careful publical power and within the production of the publical power and within the publicate power publicates power and within the publicate publicate power and within the publicate publicate publicate power and within the publicate publicate publicate power and within the publicate publicate publicate publicate power and within the publicate pu

Significant policiaal and occorese critiques part taking place in holizar trabit seeds. New totionalogue in aplication, family plenning and holizar seeds of the production of policiaal observations and perceipting seems of policiaal decentralization and perceipting home come in the same and perceipting seems of policiaal decentralization and perceipting white band that is a disciprolar seaded intered in the manifesterior of an exclusive seams of identity emphasition is conclusive seams of identity emphasition in conclusive seams of identity emphasition of identity policia and occurrent seams done on the publicated and occurrent represent seams on a being part taken to be a seam of the conclusion of the desired occurrence of the conclusion of the policia and occurrent representation can be policial and occurrent representation can be the conclusion of the conclusion of the desired occurrence occurrence seams occurrence occurrence seams occurrence occurrence seams occurrence and the conclusion occurrence seams occu

in the bendits of economic development, such is reads drinking-water wells, medicnised coricultura schools dispossizies, co-operative consists branches of rural banks and extension workers (eggest in the task of development the old-world alitys who despite their declining authority in the present political contest, still hold away over the minds of the people. There are again the modem political feeders, the power-alities of C. Wright Mills, the word members, the Sarpanches, the Ponchayer Someth Chairman who have access to the new world of divelopment through community development blocks, laterative rural development programmes and the integrated tribet day topment pro-Grammon. There are existing traditions in education, agriculture, health practices, which the enchared to the old value syttem on which the median processes of prowth and the new tuchnology imprice. Sometimes there is the the finditional and the modern in different fields of nerson) and social life. Now is the condition tension and confrict being sought to be resolved and a new sense of identity forged ? In a bird how do the modern political process and economic development act on the ritual-based curtural matrix of the tribol world and its tradition-dominated socio-political culture ? The mibal satisface are face to face with two worlds which are sometimes in binary opposition. Thu continue apparentage and the matter of last rational: The mythological vesterday of gloridus traditions and the real 10-day with its degradotion and powerty; ethnic syntretism linked to socio-economia discontinuties, and the dress of a preside pun tribal unity. Such problems are of ambivalence buth towards tradition and the

The configuration between the old valueragion and modes evanously processes on the Rustmand by the following how exemples within the subtra-station, in class is the Station solvent and the subtraction of the subtraction of the regiroutum. States is began to be one of the control containable whole society and the extension processing of practices have been better simple part of the price of the control of the containable of the control of the containable of the control of the control of the control of the containable implies a particular intellectura and amothes structure. Medernisation of agriculture socials a growing complexity in inter-cultural agarations. Seed has to be sown at a persicular ame. the emplication of fertilizer, weeding sic have else to be at specific and prescribed times, in other words, the farmer has to orise; his mind so the needs of the time-sequence and duration. The Scorols, like most otion tribs) groups find it difficult to become a place to the timemarking. Reselv the bibal is between about time and its flyx. A whole videou may spend a whole visy propries curiously after a vegunded playen hopping away from the to thee, with the food hope to catch it which is falls. This may be wast Husings in his Decline of the Addition Ana calls me play-alement to culture. An abe Acres section in this tribal sended in more of man the plants the Asses Judge Loses Malacetin his Tachnier and Civilisation rightly pointed out the real fither of the industrial revolution.

Right Lors the sowing of seeds to harvesting the Benthalis tower contents of intelligibl Sentinals which are secondaried by appointed songle discrease and feeting to populate the referent Code; and Goddesses. One of these, the "Date truly, in entailured before developing operation in the Vitings Streen, it investive affecting of forms and their heart to Jahre Str. (Mother Earth).

Let twelve eveds come out of each seed Let not discess cronck the goods

Let not wose and grain out up the ongs.

Let dulk and heavy min-clouds come from
the sea and turn the Earth green.

This must be partly a vegetative and matthe

teaudric recenture. The Sentist Seliver more proper proprietion of done and Goodesses in essential for good evolution of one fallows at disease proper proprietion of the selection of depth of selection of the s

Batlel in proprieting Gods and Goddeness and backpring certain pericultural operations by

selector worthing cometimes affacts soriculture educated in another W.V. Doe Screet Village had other for of universion work, and persuasion. taken to hubrid majon. The fidids water biopenia cultivared. The ctop was coming up. Very well. But the Agadie biggiorl was deleved. The village Marriti had gone a formalit prior to the kilometics messy and there he lay very sick; He had and have chie in darids in consultation with the utilize cities, the date for Assdir and es such the fruities! had not been held. And sobsety in the village would enter the field for does and it was a talon to do so. Same young how who had road an an high and tenth class the fine more crop was upong to die unless devending was immediately done. Tury 'wure deep ibed as "feliphers" and finally the valcu of the eiders won. The dewleding was done only

It is evident their the modernisation of agricultive—which deterneds tigged inter-collisities operations contained containing containing and operations containing containing. Here inchaining long and risked mose mix orienting a new systome of shall flushed and ideal execution to depote the demands of the new technology. For interior, these could be greener subopeblish; in the demands of the testing and the subopility or species who decided the decided the defi-

considerably damened the prop.

In the abnora of water-supply a similar espation was successed to a Juran village. The with more depended on dricking weter from the running hill-exteum for some. Due to defensate. tion the hill-stream slowly dried up and the Community descriptions of the country of the countr lekially the Juang villeget were somewhat saborters) to use this new facility. When they eventually tried to draw water with earth-inof their inexperience and word went tound that an ovil spirit or Roady inhabited the well and that it was a sin to have due up mether earth. It took a for of persupsion and a physical drmpn: to prove that there were on Roman. In enother village a resourceful Block Davelopment Officer utilised their own withoursetters by offerion a worship to the Sampe at the well, site, and then demonstration that shareofter there was no

The third's periodisativities a generally variety. Per wayd with the total diseases or it and other access the matter is railly rever seems or feature access the matter is railly rever seems or helps to a diving. It is the thir reason that he that the seems of the

the modernitation process. There was a time when social anthropologists and economists used to look upon the value evalums of the tribal world as inherently and immentably apposed to growth end economic development. Luckily sudsy there is a more rances, approach to the subject and there has been a droving awareness among all concerned that in iribal social values and ipersonality trees there are growth-positive as well as growthnegative factors and a proper desem of developor side-line the letter. The tribal's love of Elazhet for Itving, arrorn tense of community, tack of auxiliary and an year tiding perference for happinges are positive latters, that deserve to be recognised and utilised. There is a story perhaps sumewhat sportyphs of an American agricultural expert weiking with his ridian. enumber marks and a phonocommunity for the factor He found two boys alsoping in the shade of the barryan tree on the river book. The time were ten an the migraing and he saked them also by lifes. through the interpresers as to how they should work eath more save and then go and empty They replied that they have worked hard last 3 days and earned ourse is ble. They told the Interpreter to tell the expert that he wanted them to work hard, own, sove and then broom and that is what show were procuely doing thes Economists have often bemorned the ack of the equalities instinct and the ability ru save and re-invest among the population of the Third world. That is during order but can we

locating sprone the astrome end-included of the processes of growels? There are twe propose of planners and diversibilities. One working files the resolf to be a thing of the control of

A word about tribal aducanus and sta relevance for economic growth and davelopment formul. It emphasised community hyprysmant and a measure of smense socialisation. Moral instruction was at its core and the techniques of met uctions were play well adopted to suit the typical oregs of that accepy. In brief traditional education was supposed to make the child ready for the world which he was to face. This cannot he seed to be true of the new education, that has been taken to them. Emphase is now on condeptualisation rather than on informal dearning of technique. There on the other hand, excel n the ability to fabricate and assimilate factoriouse Primitive education in the words of Manuares Mead twen a process by which continues were maintained between purents and shildien. Modern education includes a heavy emphasis upon the function of education to crerte discen-Unuities to sure the child of the present rote a clerk of the further into a tower, of the illiterate in to the literate" From this point of your she kitd of education which we also for the felts sec elses in transition is of great relevance. Too much emphasis should not be placed on porceptualisation or formal terming. The education with the manipulation of objects and propesses and learning of tectiniques. This is not to agrige or under-estimate the importance of the rational process and the need for develoting logical thinking in the triber mind. It is only to say that this need should be out to a leter stage and should be slowly brought into operation by a process of preduction only after the tribal has learnt a few techniques by the natural intelligence which he possesses

The idea of igood life is integrably inhalf to the relationship between the social order and the moral order. Writing very both, 1930 Faint Boas held that the rate much more difficult to lipsels of progress in any cultural activities? and that funds invasid ethical opticades have sphown a "right of chance" (Roder 1930). This was another war

2

of saving that in seems of historical evolution of apprenties, one could only speak of the deve-Increase of rechnology and not of culture. The mond and heapy to which the tribe: believes in as integrally linked to his view of carbina which incorporates an emphasis on health and diseasefrom to, torre of fun, a responsible degree of foredom and lessure opportunities, an intimate palance between the individual existence and the net, roll soon, and the suppressure erders. The probable is thus on balance Evelywen different orders of restities. It wire Errocher who had observed that there are series approaches that seem to yield as least a partial standard of what constitutes "higher or more advented culture. No doubt, one of shape three is the cumulative development of

The other two standards Knosber proposed and us into occupition of differences between the more unberised sociaties and the pribat sociaties with regard to their view on the "bue and the "good" (Knosber 1948)

technology and epience

The first is linked to the criteria of magic and superstition. The visions and magical behule of the individual give place to rationalised screntific ettiesde in the quest for truth. The second orderion for propress was described by Kingber as "the ceptine of infantile obsession with the outstanding physiciopics; everts of Auman life" The primitive, espording to him eslaws to obstude into public recognition and the secur order follows and death and decay On both these counts the tribus accrety could he told to be recidly moving from the so called ore youngs noticely to a herate civilised society Even the or the - chies such as both, alternment of nulture it is ago, and he is here a since are deletioned with creet dear of ritualistic ontdings, slowly with the spread of education. shely importance seems to be gesting proded The younger garwation is no longer senously interested in it. Nor are they interested in what they consider the expensive and time none-mine elfoute which pumpt-ate the apricultural mode. The same thing size has heppened to reagize beliefe and superstitions No doubt such beliefs still continue. Genef in witcheraft and consequential murde's no sta prevalent. But in terms of frequently of occurr ence there a perceptible decline over the last 50 years. The acceptance of the natural order comettutes an amograf element in the tribal view of life The tribal working on the land does not set himself = opposition to it. He works with the elements and not against them, is in himsony with them and not no conflict. There are no stopped with spower to consume been to consume the dependence area. As a point of physical matter dependence, that use is the cappided. It is express with a spirit of humility thanks giving and love. And the experience is nother.

The production of the supervisional order which determines the morel order it also itsease and infinite. These are appreciated that the state of infinite the sease of infinite that the state of the st

The elaboration of the effucils, the songe and dances which accombing them and living the living and the processing for the processing and the ending for the processing and the end of the continuity as a whole even the same of success community-controller, then and the regard for a motel, supporting order that determines the fists of the sone and dayways golder (Minhappiter 1978).

The expaion of betief nintues is inked to the awakening and intensification of a spirit of rationalism. B.turte depend upon so intuttive of the activities associated with the ritual for solution of the fa-crisos. The foundation of such benef is an unquestioning farth that accepts things either because they have been handed down from posterly and are, therefore, exactified by tradition or because nonobservance of them is saboo. Ristionairem impropes on thre kind of unquestioning faith and starts saking disturbing questions. It is not satisfied by explanations readily offered It would like to go beyond nimple answers. Technology is the product, and the expression of a temper based on suth a logical frame of mind and is thus. In a way, directly minimized to primitive rousi. The confrontation between these two frames of mind, the two mental climates as they were, is evident in several fields of sconemic activity and acceptal relations such as agricultural operations, artifude towards toknose, dealer and dechi, delinations and the expensatoral appropriate medicine, portical and societ exiculty and, above so, in attitudes towards file and death.

and spots should be and death of the sound street of the sound death of the sound death of the sound sound sound the sound sou

concert factor. When a village 4 faced with Legisline of sharps, there exists a believe in brown. On one said of the scale; or bose factors which are against change-characterism. The factor for change-characterism with the factor for change-characterism with suiting conditions wides print, and as on Success, community development chainst larger of changes and the service when one buttons a droute even and then siving to gither factors mixing for changes. (Leathour, factors mixing for changes.)

as discovering the modulates of Integring about an potental trainings between them of moking. The forces of tradition and beritons arrengiben. through a war-conceived and wear-directed process of contexpretation of the tradition, the forces conductive to choice, modernisation and economic growth. Lucy Mair suggests as a studies" (Euk. 1971) constalisation of wide amplication that The conservices force of redition is never scool income the attraction of economic advantage, provided that the advantage is sufficient and is clearly remembed. In the case of fixed it is absorbathy char that the emotional and religious, attitudes enurande it which are implicated by nation a commercial activity."(Masr. 1967, 52).

The art and acrence of development control

The conformation is equally in audience between different section of the gene and colors let us as any, the injections handlers relies also and the conformation relies also and the conformation of the color and t

ture with one face socking to the supposed and margined direct Transition footplied in the belief that the present is only a possing phase of decadence to be eightest and invast juried to be object to resuscitude and varied to the object to the supposed to the supposed

The recognished between moth and officers studied by anthonouncitis. Making Wilson for exemple, emphasists that 'rituals reveal values at their deepuer laver ... men express in hour what moves them most and since the form of explicitude is polyentianglished and obligatory. A is the values of the group that are revoked. are - the study of rituals the key to an under standing of the esternal constitution of human secietire. (Merica Wilson 1954) Kirk connected them to two primary. functions both of which had socialisation as their objective * Apert from soutine acts of proprilation and eachifice rituars land to be either rites de pessage or connected with agrarum fertility. The continumber of Social and natural equiptity in More peneral wave acceptent for other types (of

of the chatamenetics values insinhts standards and codes by which a owner is differentiated and individualisted in inharacter from other wrottpe is thus a very well-formed athos. It had enabled ium on take a fairly rational approach to the committee the advanced that investor till life reday But the capacity to piepoint the impediments to the modernization behoves a sadly lack on. The economic benefits of the process is gradually becoming clearer but even here also ambl-Valence remains atleast on two counts. Firstly whether the agency that usides n the benefit. namety the new policies institutions are to be on beletet bee englement as more belowwelcomed whether participation in them should be total and enchusiastic or one should withdraw Seconday, whether the new modes of residership devoid of folklore and mythology should be accremed or the traditional researchip should continue to holds swey and commend a legisnesand love tv. On the other hand, and because of this ambivations, the so-called ritual basis of socially and the Great Tradition have neither

The tribal ethos in Sumner's sense of "some

been tally accepted nor acted upon the the nase and file. This neither the new technology and fix all the war porcial system and the heldwarph nor the motisciant intell and the heldwarph post on it may been able to being heldwarph based on it may been able to being record plane between the new opposite with a record plane between the new opposite with the latter of the state of the state of the man are maintained of streaming provide an a new maintained of streaming provide and forwarped in automotion call, not desired the capacity for competities series and included the state of the

, ice most under-developed societies, the tribe, accusty above a trouver inshory to muless a an orden-astron. The capacity of a culture to perparative of airphytesisten and bringing together a large number of social, or use to the level of The incompetablines and contradictions within and actions she practicely also those that Impede modernization. The new technology is haved upon what Barried care "the hose of a more It for granted that economic and political associafrom will arise wherever technical conditions and nature resources ourset if the state of the technical art is such that arow gains are possible by consenting the activities of many people and organisms skill will appear from pomewhere, Organizations will string up and grow. This assumption is wrong because it ever-looks the trucial importance of culture" .Banfield 1953)

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The new policies system, which is alke the new Sechnology has not been able to threw this capacity for corporate action. On the other hand it has only resulted a either distortion or to ling the surface forms of corporate action in socia-cultural methers. Thus is a problem thus has to be tuckled at more severs so that the new of matrix with a view to form-inte nations of human co-ope appr that would make corporate action both for economic development and outtura, a conserve nossible. At the moment there further strengtes, the alto (more posticularly the policics -economic sittes) from the messes and tradition and rigid from the new Deliceds of positical organisation and economic activity. This may be looked upon as part of the complex process of the adjustment between the politicalaconomic magnation of encysted societies with the greater pommunity around them as a result of the growth process, and the presurvation of gubural supported. The dominant other of thus shupbut is in conflict with new developments of secular democracy and secondocy. The tribal finds himself beloless in this new situation. He must perhapt discover a modus inventily that will ters ham out of this impuses." (Mehapara)

The configuration of technology and ritual a not a simpliffit factor. After all a technological system also tends to develop the own risuals But ritual in the traditional religious pulture sense implies a host of symbolic functions, which ere kept outside the realm of Ipnic and veticinalist. The sechanizaidal world, on the other hand, carls for less and less of letuition and more of respon and ability to energy and on attimate dete a cetter than to take an artuitive world view in his foreward to Paulo Freira's pedagogy of the opposited Richard Shauli referred to the 'nerodoxical' due totalof the new sechnology which scoolding to him holds a hope for the future. "Our advanced technological socrety is rapidly making objects of most of us and subtly programming us into conformity to the igpic of its system. To the degree that this happens we are also becoming submerged in a new 'culture of silence. The peradox is that the same technology which does this to us also creates a new securitylty to what is happening Especially -mong young people, the new media togother with the worken of 3d concepts of authority opin he way for such exercises of the more barriery opin he way for such exercises of the more barriery. The more barriery of the more process present multi-free may be the street of the more process and the same hardways may be appointed to the same technology in the process of the same technology of the same technology who should be such that the same technology who as secular to the appoint of the same technology who is secular to the process of the proces

In the words of Roy Burnare. The craise of modes near has made greeking, semihates of the state of the state

Daylof J Sidias (1078) has down now attention to state of the indeporters and political personal prior development and pital developpment prior development and pital developrate and prior development and pital develoption and prior development and pital develoption and prior development and pital develoption and prior development and development and prior development and prior development and prior develoption and prior development and prior development and prior development and prior development and selection and selection and prior development and selection and selection an

equired, on the othe hand, is an appropriate awareness of an sympathy for that whenes or trust and tribal erase on the Trust World so that we understand clearly the ampact of planned urban-prunted mediennection on the structure of ural society and economy. The tions in view opportune for the removalerity of Many second scientists, buth Marcos and Capitalist. have worked hard to point out that there are Assertible distinctions between the rural and artism. They have nied to do this by emphasismotivation at also the gorwing linkages, between the urban dwellers and wal dwarers. It exposes the artitude of atsoners that what is basically interested a neal to much the development of nual societies as their incorporation in the marroyalizen es lieu The recent emphatic of

emparch on the village level is a step other nebt direction but it has to be remembered that the village nely one of the evels of topus for a peoper study of rural-tribel divisiopreter problems. After all the village does not exist en isolation and individual subtlement it one clomeer within under vertical and horizontal succures. The socio-economic recipiosithes and exchange mechanisms define the vertical through audiements linked by kleaten and the managinal modificary propers of epiperstron. In the words of Skidss "White we must obviously combinue to sawly towards the alimintion of physical distress unpertainty concerning the tone numerous years for utilidain must english agreement viscou of the even coulderns with a subject operate. The long-term stationary equilibrium meny rough economic available to the Third World are throught to be dontained may repute a feed of their afractures are complete adjustment mornaments and sophisticined calculations of manien incorrect intraction, from which we could do well to laste. Rodice new annual av

Which is introduction of which and cardin which is introduction of the shadows in a stream for a position of their shadows in a stream for a position of their shadows in the shadows bridge down modelling and emerging children bridges down modelling and emerging children bridges and the shadows of the shadows in the shad

This itself surely holds hope in a world of economy-impersonalization and loss of individua-Boy shap to the large size of organizations. Discussion the ritual process not search as a structure but also as an enfishmeture. Vicent W Turner refers to their cole in scheeving communities which is basically an egaliteran mistionship between persons evipped of etatus and property in discusting the formation of Franciscan Order In the Middle Ages he quotes M.S. Lembert to day that Francis was a Supreme spiritul meeter of small groups. but he was unable to provide the organisation required to maintain a would wide order (Lambert, Franciscon Poverty, 1981). This is where the tribal culture so entall community pulsure can serve en a busin. Martin Suber observed in 1966 'an organic Commonwealth and only such a commonwealth can som together to form a phasely and articulate race of men will never build itself up out of individuals, but unit out of small and even smaller communities: a nation is a community to the degree that it in a community of Communities' (Paths in Utopin) It has been the greatness of the lockers nation that it has always sought to practe such

Seconds, amous different models of imagestion of their claims, and models with the fregit society so long emphase were placed only on their or an extra control of their content of an emphase were placed only on the their or an emphase power with content give and take and contextual models on emphases the character give and second power to emphase the character give an emphase to the character give an emphase to the character gives to the companion of the context gives the context of the character for character given and off-their character for character given and off-their character virial character for the character of the character virial character gives the character of the character o

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Throby, and this is most limporter, there are page of in one page just one of oppure selectation in this one search for cultural route by the white just of the page of the cultural route by the white just of the page of th

conformient." A gassive eventures and greening windred in tribuil culture will keep our constrainments to universal values which emphasise community, restrict and meganizon and below to took even cities as a conglomisation of megahouthoods or as Suber's community of communities with value calcurat patterns, beliefe and value-orientations.

Examining various devices which may reduce. and even prevent, social confrontation and medice Court to his The Functions of Social Confirer suggests that mess culture and popular encomplement are number means of diverting appression from regions, sources of institutional conflict by providing for vicerious, safe release of hospile Impuriess. Institutionally, therefore, art is In the dature of a safety valve to release tensions Directly and indirectly art helps bolster the morale of groups and helps to creats a sense of social solidarity and unity; it may also function as a nucleus for organising social actions and social change. The aeethetic need is as important in a community as those of hunger and sax, even though their are different from the mechanisms of hungur and sex in that they do not involve consumatory activities to intieve streets tensions. They are non-cyclical, they occur as gratuitous satisfactions without the successity of suck-no them and without any demand for instrumental accept. The role of art in a primitive community is thus to identify a cultural field

This is something skin to what Marcuse identities as the sub-culture in pretent western socie total existing as the Great Refusal or the posture of delisace, in western societies event-garde art him been called a negative culture and se "the radical negation of a general culture by a specific one" (Beneto Poggioti "The Artist in the Modern World'). It has also been colled as "Contra-culture" by J. Million Yunger One extreme mode of expression among artists in sohemenism. The openinulty and universality of a nutrura improves in a small ponynunity and rules out outural conduct by way of formation of sub-cultures and contra-cultures. This is all the more the reseat why culture as the made of living in society is appropriately confined to small communities A homogeneous culture can rise only in a small community

One good thing about the Euro-American conception of fine arts and culture is that with its development perceptions were transformed so that the ortifacts, dances, songs and the might of people all over the world without forms expressed sections; suggested become "rigidals". Andre sections suggested become "rigidals".

makeux has rightly pointed, out that "before the coming of modern srt no one saw a Khmer head. still leax a Polynesies sculpture, for the good reason that me use looked at them" (The voices of Silence, page 8033. It has now become possible to conceptualise various introsts paperts of primitive culture so that world culture may benefit from it. For, to participate in the work of art is to re-assert. Its existence as object rather than as individual personal expression. This is apparent from the various studies on the theory of diffusion, by Paul Winson In his Primitive Art . Its Traditions and Styles, The small community makes possible shees expresstens to be preserved in a unique, and pulltening way. The distortions are less, the genumentes and true-to- ife character atill predominets. This makes resservation of the authemity of culture and or transmission a simpler and natural sask This is all the more reason why in a country which has the chilosophy of unity in director. we must re amphasse the need for maintaining

smull communities and their culture and allowing them to grow in their own style.

Technology and tribal culture are very much is need of such other today. As the heart of each is an emptiness. A cultural androis and blankness on one hand, stark and unmitigated projecty and lack of formal proproposition on the other. The former explains the loss of the sense of commuputy and the desperate systich. for altreparture to the West "Committee and John voluntary or mithium, ensure hottestanding; extended families, ton anhools free clinics, handlessfee co-controlluse community direttoment co-course. tives. Gradbiga astrome neighbourhood centres, leboir grit exchange" (Where the waste land Easts Theodore Rossek 1972) May be If we appreciate the sense of traditional little culture as the bond that keeps men together in small communities some day, as our aconomic plowth proceeds, we won't be required to trudge the same troubled way so in the past Confures.

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BASIC ISSUES IN TRIBAL DEVELOPMENTO

Dr. B. D. Sharma

Why Tribal Development ?

All paramunities in the world must have staned at, more or less, the same point, passed through the same phases of evolution. Then, What is so creat about tribal devisionment? Why should we talk about tribal development as compliand special? In a year, these are valid questions for which we will have to seek Instead in the new combits.

A trubal community represents an earlier stuge of you socio-according life. Every stops in the socio-aconomic progression of the human race erriber a balance of those basic elements, viz. organisation, natural resources and technology Each tribal society represents one such stage within its own hame of reference. Any change in any one of the three elements of the confe guistian feeds to a sympathetic change in other two elements. The changes continue till a new state of belance is reached. Thus, as rechnology or population threshold or resource-base of a community undergoes some change, a process of socio economic change is initiated which in due course could lead even to complete transformation of that community. The process of this social and economic transformation is a universal obenomenon, shough the pace of change has been different as different simes a different communities

In the earlier stade of human society, the pace of thence was very slow. Let us take the case of 'patherers and burgers'. The burger society mation of the larger national economies. was in that sleep for others more than lifty thousand years. The second stage was that of al/fring cultivation or prespricultural technology

Some communities, however moved in a different direction and became normadic pestoral groups. These developments took place about ten to lifteen thousand years back. This second stage has continued for thousands of years in different perts of the world. Agricultural profitation to variously submated as five to siphs thousand yours old. We are now living in a new age of ecience which started sust about 300 wers book with the acteretic and calculrus or revolution. This

is an unprecedented event in human history Socio-Economic Transformation A Broader We are all in the throw of an incredibly swift

change. Some rations to the West appear to have completed the first phase of transformation. They are perhant now on the streehold of a new nest industrial plans whose notizes for not fully close as yet. We are however still in the agricult stages of this transformation. The full logic of the new Industrial-based society in pur context is not quite clear. What is happening is that the model of the western world somehow?has been accepted as the exclusive version of the Industfightestion process. But as certain basic leause of socie-economic transformation are coming to she fore in countries like India and China, where the socio-sconamic matrix is entirely different from that in the western countries, those models are proving to be inedequate and simply not factible. These questions relate to the transfor-

The problem of the tribal people is a gubnational imag, particularly in the contest of our

Photo of relegious Address concerns on the Sension on Tubel Decelor have at thrive steep our the 12th June 1985.

around be priced in a different question from in the socialist countries this is a live result. Shift stratification has some relationship with economic as well as social stratification. The difference between the highest and the lowest may vary considerably from one attustion to enother. There may be some superent inversions so well Bor example, some skills like motor driving may he healy valued in one country and may be considered low in another, and so on. The almole fact is that all apequalisations in a system have to be topically near-seled in seems of thee skyl fewers. In this process, they send

lebourer in the Astron could also come us to

the toyel of professor by active participation in

the day's deliberations. Nevertheless, the

to that small and

When the banefits of new science and technology, which is predutily permesting all affairs of human society reach a ample security a process of social and acomemic transformation sets in. This process brings in its wake a host of problems. The United Kingdom provides a Laboratory case of eoc.s. and economic transformation as a result of a continuous series of acceptify and technologics movefior over a period of nearly three centuries. The entire society has undergone a complete transformation The U.K. and also other European countries had the advantage of a beginner, they were in a way as we will see presently elmost closed systems; and their transformation was supported by the clobal resource-base which they could command during that crucial period. The world economy became increasingly dualistic. The Europeans were at the senith of their political power who comprised the higher section while the est of the open world was forced into suburnation. Their sponomic transformation was impelled by the phenomenal progress in science and technology which was all internal to their system. They did not experience any adverse

attempthen their economic beas at the opet of other groups. The transformation process was made much easier since its adverse consequences sould be transferred with impunity to their The enure Western world, thus, got transformed from an agriculture-based to an industry based economy. They are now in the next phase of

external forces. In fact, is anabled them to

pountry. We may therefore, concentrate on shape questions which are resevant to the specific context of these groups. So here are teme pomyworkies which are in the narrier phoses of development compared to other communities in eur sountry. Some of them are getherers and hunsers: a substantial number amongst them momorisms of abiliting cultivators; a large malority of short are now pettled cultivators with pomowhat earlier forms of sechnology; a few have got into the whirl of new Industrial and when witterns as well. I am purposely avaiding teems like 'backward economy' because they are valueloaded. Ours is an agricultural country We are tending to pet subdivided lists two or more parts—the industrial India, the schen India the runt lingua, the rother India, and so on. We really do not know as yet even the outlines of the final steady-state form of our national life.

Let us consider a small self-contained group. a wibel community-as we usually call these enough. It may be at shifting cultivation stage er at outhering and hunting etage. In each of these cases, we will find a balance amongst the basic elements of their economy, viz. erganisation natural resources and technology Suppose a new technology becomes available to this group either as an innovation from water er by personal contact from outside. An Important implication of this development is the possible alternative use of natural resources The new technology may also have its own Seems in terms of social ordenisation or economic ernanisation, and to or

Is may be noted bere that an important easid characteristic of a modern society is apacialization of functions and division of about This leads to rise of nonsasingly openies etososacion. Higher the level of specialisation atronger will be the organisation. A large prosmitation is necessarily stratified. This stratification may have different consequences. for the social and sconomic life of the people depending on their polity. But stratification + ensyltable in terms of skill-endowment for the esople. For example, a complex system requires mtofessors it also requires isbourers. It is doubtful M every labour can sesume the role of a professor even though many social philosophers insist on every professor essuming the role of a labourer for making their life fuller and meaningful. In an Ashram the professor may be required to do shoulded tallout for two hours a day. The "Mandormation from undustry based scopeomy to a post: ndustrial service oriented economy. This big industrial production capabilities already data biothed in the west and new robots are increasingly dissognified the rain roth both the primary and the secondary section. Book of their population is now engaged in the terrory discoor.

There is a same other supplicant developments alta. The resource base in many of their ershwhite dependencies is no longer under their command and is incleasingly getting out of their near reach. Therefore, some of them are factors problems in maintaining sustained growth. For example, the L. K. is said to brilling to a category countries like U. S. A., Canada, U. S. S. R., Austral a have extensive natural resources of their own and have no problems. The U. K can expect extension of its economy. Therefore, today U. K. is not in a position to mainten the economic status of its people which it could do earlier using the extensive resources as its command Similarly countries in the western Europe, with some exceptions, are elso now finding it is problem to sustain the structure which they developed with reference to the overall clobel natura resputces. The developed world itself is petring sub divided into two organia depending on the natural resource-base of each country

Progression from Simple to Complex

In the context of this espirals. It is plant then the first important fact, about the contemporary felbs, suburnion as the socio economic manuforms tion of a timele everem into a complex one. It has he own lonic in relation to technology. promisation, resource base, econymic system enc. The second aspect of the tribal situition is the nurtaposition of the traditional communities with other communities. Even though the trick Brosts I a Littlemention and transformation agaricantly riliagone each other, opensytually exemple, crary regisements in tribul accieties are menal change and autonomous transformation. Some people in Naps and are not satisfied with Statehood and are working for expetate nationhood. Some sections of people in Chhotanagpur are working for a separate state, Their urges for separate political identity can be traced partly to the process of autonomous

transformation and partiry to the new contents with other communities. As a saw perificial or administrative cast is established to agent select of the other case of the content with the sample states of the notion as exceptive. To some entery becomes exceptive. To some entery becomes determined to some entery becomes demandation to inserind indeption. The processes of manifestation to inserind in other larger factor from the content of the content of

intensity and the quality of contact with other societies. Therefore, there is an attempt to of consect with other societies in the national frame, it may appear as a conflict situation. Both the national and the local porapactives have their merits and demarks. Our entire nation is under going structural transformation each one of us is facing problems crising out of this fest change. A significant but unhappy facet of this change is the emergence of a dustistic structure in our society. The same due isn is also appealing in the t bit successes. Wiver wy speak about the problem of explodation of the tribel commenities, besidely they are the problems wriging from unregulated processes of socioeconomic transformation. So we must ansivee the problems and issues in relation to tribel development with reference to these two dimensions viz., (/) socio-sconomio transformatrion as a spontaneous process and (III) consequences of mataposition of the tribel commutifree with other communities

fermation are not pocular to the robot commutatives. The proceeder of sociol comprolici standardor as informing our relode nation of Cortica. This procedure sample from fooder of Cortica. This procedure sample from foodand including in the procedure sample from foodcase may be different. Revertibules, in my west the fact of juxtaposities of the folial communicials with other communities as a critical people of the first procedure of the folial communicials with other communities as a critical people of the food-further of the foodfine quality of this transformation and has assumed to the pople of the procedure of the accounts the gappent in some death from

The problems of spoin-economic mans

In a situation. Hite ours, the whole economy can be considered to be divided broadly med three economies. One part comprises agr dulture and awad secret. This section forms the beckbone of our economy. In any foreserable future, the economic averam in a country like outs or China connot but have acticulture at the brimary sector. An average undern a dealined to be a cultivarier. Whatmust may be the neotribution of new sources and sectionizers, this is a forth of our extention The account part committees the industrial the commercial and a large variety of service modern sector. This sector occupies the top position in our national economy. The third part regresents the lowest groups. It comprises people who do not belong either to the oncupleed sector in the top bracket or to the Zoriotifural sector. They form the aubstratum of our new socio-sconomic system. These are

fending lobourers, floating population in the

urben arese and to on Thus, nated of a duareto two-way classfication of our ageists at is preferable to understood the new election in terms of this three-way classification. The occuse of money formation in our country has been initiated from above. It is envisaged that all sections of anciety will finally become a new of fully proacised system the beginning having been made in the present-day modern strays Thre modern sector will gradually subsume the entire occupanty. This is like building of Marlach Mondir of Ellors. As we are build ing our national aconomy from the too, the ergenisations at the top are multiplying the nomenally. This process has serious limitstions and far-resolving manustrons. This soprooch 'real't is one of the most important recepts why we are not able to make a sign-Roant dont in the basic problem of poverty and deprivation. It is also having a big fall out in the form of refletion which a enrichion the Nighest proups. As the entire relicional available is subsected to this process the subsystem of the tribel economy tennol remauninflutected. There is growing interaction between the five. Consequently, the total communities are also experiencing the impact of

Pageta of Socio Economic Transformation
There are three espects of transformation of
tribal communities, or for that matter transfor

mation of any community—(f) politics good transformation. (S) autonomic transformation. (S) autonomic transformation is a not in year of (SI) outcome transformation. It is not in year of (SI) outcome transformation in years attention, there is a continuous metascriton inhorped all the The relative importance of these three sharehold will depend on the opening the possess of similar central florate properting the process of smallermatics will depend on the opening the possess of smallermation. If a simplester to note here administrately after thinging in all the three reports of the will consider these three florates.

(ii. Politico-Social Transformation

Lat us start with politics adole I treatmentation. The politics-could branchements as I will sty to above can be litted as a people. For exempts using the politics are proposed to visit the politics and politics are proposed to visit politics community. Sail a dispray Cut-decorable agree to record to the politics are proposed to visit politics. The proposed to visit politics communities which are disprayed to the politics of the politics politics was open the politics.

an external revenue administration was created, alien forthe of justice, were introduced with the establishment of new points of law Eastern provinces had the distinction of having a piter pass of landlatric also. Thus when the traditional land system was extinguished through patrioners estilement the very him of the fivel society was knocked out. I will prefer to cell this as politico-social transformation, because not only the village community lost the politicapower but even civil matters went not of their hands in favour of atlan courts. I was no longer the village community which was deciding how their succession should be managed, how their find was to be menaped, and how they disputed were to be settled. For each lease there were different outbookies externel to them. Through this new politico apusi evetern a sudden change was super-imposed on the freditions securities and they could not but collegee

The tribal commonities, were spend this expenience during that period for a variety of factors. In the first instance, there was assessed whitelence to this change in Chottenagour. In the meanciest, the Bitash had also learn from their reperions in other eleas that all was not well with the manufactors. It however, the constants with talks may be constant.

sevenus of the tribal system, was inaccessibility Take the case of forests. The forests work formatty reserved a long time back in the 19th century. But the tribels. Dring in the remote between areas did not feel the impact of that reservation till pulte late threadest. Even now If a tribal as asked about the status of forsets, his Indiactive response is that the forest belong to us. He does not know that the forests have been reserved by the State near fits a fond time. He did not know that whetever formel procesdinos were amisted at that time to the ment of reteriors would finely lead to in a way unurpation of his property. The pastper in the case banners to be the Stees. And all States respond In a similar fashion. When in independent India the State stepped into the shoes of its British predecessor it did not lote its gulp on the forest

Similar processes are operating in relation to office and lacous-social are of the tribel people. The tribal societies today are facing tremendous forces leading to fast politico-social transformation. The page of transformation is directly related to the Duce of development of communications and of Indrustructure, Some exements in this transformation are decidedly not only advoces to the interests of the tribal acciones but are also appliest the lang term radional qualiof a decentrational democratic polity. Therefore, here is a case of pecative op-relation between divisioprotest and the desirable directions of transformation. Faster is the peen of our national devisionment, greater in our effort for development of tribal sours. This is leading to greater strerismica with their traditional autonomy Finally faster is the decline of the politica social autonomy which these communities have been supplied for some. This is the binness adverse implication of contemporary development plans which the tribal communities, are facine. Their duting the British retried compet to the case of mitted. These communices have yet to discover the meaning of new democratic forms.

(f) Economic Transformation

The second foot of the tribal situation is the economic transformation. As we have discussed in elaboration to the economic transformation. As we have discussed in elaboration of other communities, economic transformation is a comparatively slower process. One cannot order economic transformation as suddenir as the politike-social champs. We cannot not offer social champs. We cannot say that here is a disc for lineant transformation of the

agricultural economy into an industrial economy. We have been working for a fest transformation of per agtional economy 'tsett. An impression was created in the Second Plan as If endustrialisation was the penaces and it would transform the face of our country. So far as the structure of our economy is concerned, ofter more than 30 Years of planning we are there where we were. The secondary sector has not prosen in relicive terms. Moreover, there is no bone for this in the water of new technologies severally sessricting manneyer Innuts. The tectury sector however, has not infimed which has doubeful broductive colerated Footomic transformation is really a difficult reak and is an extratrely slow property. However, it is not my mamuse that this process cannot be planted change of our economy has to be rigorously planned. But it carried be done without due consideration for the basic parameters which alsould be clearly identified so that planning can be come realistic. The same holds for the tribal accessmy where the task is much more

complex and difficult. (iii) Cultural Transformation

The third aspect of the transformation of tribal epthelies it pultural. Let me dispose of this same first. There is much pospern in the Frankurs on tribal affairs about preserving their culture and ellowing shem to develop according to their own genius. I don't believe that much onn be done In this record in the way we shrik. for example, of economic channe and development Culture is something which carnot be ordered about Let us consider what is, online on in our even hottes. Can we order our sons that they should but on client? I am a strict viscelation Again. I do not hold that bothes can be done of this repaid that here we face second firmamone. The only than which we sen do lo also be argendered though ewithin certain mits.

A concrete case will allustrate this point. Drighting is a part of the cultural milesu of tribal sociators it also has some economic implications. It is well-known that the state intervented in a big way in this impact of tribal life in middle. India toon after the assistantees of British roles to separate project, The parameter to the through the separate project, The parameter to the through the separate project p

With the establishment of solls for menufacture of south and their outlies for sels, the social sustant of dainking became a vital point for emphration of undue pressure by commercial precests. Thus, dishing became a source of revenue to the state and of quick seeming to a few contractors. This was in constant to the parlier situation. Preparation of Neputr in the trafficione way is not an economic activity in the usual sense of the term, it is a part of the overall social dynamics of the tribal scopia For example, before squor can be prepared at hurts one has to deal with his wife; while consuming the home made brave, one has to phase it with his friends, then there are a host of rituals at all stopes. So direking in the traditions' setting, as a part of the cultural milian, cannot be an isolated act, consumption of liquor cannot be unlimited and out of context. There are numerous checks and belances. But the moment a liquor shop is established, all cultural elements associated with drinking disappler. One is no longer required to began hu own drick, Therefore, there is no check of the family, particularly the wife who is always watchful about the stock of vice for meeting the family requirements before she would allow brewing. Now, one is not obliged to share his drink with his friends. One can just go to the to oblige him to any extent for lust one entry in his account book which, at that moment, has no meaning to the customer. So he can have the drunk to his heart's content.

Here lies the generals of economic disease of the tribal society in models india. No other single factor in the billad economy has done green damage to that so rety. The tirst tree of the State in commerciolising dribling was apparently innocuous; but it has distributed to their seconomic ruis and in meny cases social to their seconomic ruis and in meny cases social.

disorpanisation. If you disouse in Delhi of in high societies, anywhere such on 1800, a sequentious attailed is causely salarn with remarks - Artery, less time enjoy, what is wrong in dinking. The basic economic cases associated with drading in the non-sectional setting and the trap in which be is forced may not be even applicated.

The same is not that of just drinking or allowing an ordinary economic activity of ntsparation and rale of drinks on demand-supply principles. In this case, the single step of serublishing a liquor shop in the village upoets the entire treditional outture setting of the people. This fact may be valuemently questioned by vested interests. This pelarious activity can be departhed by them in line words quorum from the scriptures. For exemple, it can be claimed that the State by adopting this policy is marely taking seeps to provide a wholesome drink by seculation its manufacture and ensuring the quality of preparation, there is no compulsion of any sort-ig is for the endividual to trink or not to drink. If a demand is raised by the village people for removal of those shope from their vicinity, it is dubbed as bootlegers pled of prohibition'st famoy. The fact is that it is neither the people appreciate they own wregigness for drinks and would not like to come a great temptation within their easy reach. They would prefer to be guided by their traditional cedtural norms which favours enjoyment with moderate drinking shared in a congernal setting-It my not realised that drawing in the traditional setting connect cross certain well accepted weeks and cannot become disperous. Similarly take the case of traditions tribal

dancing or their marriage oustorn. People go to the tribal areas, usually take a container of drinks. offer it to the villagers with the request for a dance performance. The tribal better and boys sum out, lared by the drisks and give a dence performance. Some vittagers may get used to these requests betaute of they easy scoots. Some of them may even venture to give tribadancing a professional base. Now let us understand the real nature of this transformation. Does it in any way promote tribal culture ? The repty is a categorical 'No' These transactions can in no way be considered to enrich indeculture. The real tribal dance is in the idy; in setting of itsing moon when the tribal boys and girls gather in se open ground after their day's work, they are in communion with nature—their hands thinking, their feet moving in shallow with this beets of their dructs, their spens recreate the thing eternity of their tredition. This is they traditional dance. Can A be made to order for money 7 Money can only pervent their culture teading its decay and demine. That is why, I have been saying that nobody should be a yourd 'to now his won' to a tribal dance. One must become a part of their cultural setting. priv then he will be able to establish an emotional communion and enjoy the dance of The real scene. Otherwise he is used satisfaced his idle cungelty by commending a dance parformance for cash payment. This is worst form of starlerance with the outtire of a people by use of suthmity and money power. They ere pullty of commercialising the cultural million In this context it is not possible to recontile tourism as a part of tribal development programms. Can we consider commercialismo cultural virus of a people by tourism as development? The answer is sean a cytegorical NO

The logical conclusion of the above discussion is that so fix as cultural aspects of possets life in concerned. The only part the State can and should play it set to settland or support those processes, as part of the larger planning thank which, diseasely or sefectify, may have the posterular of becoming customythic culturally.

Sportaneous control charge within a community is a well-known phonomenon. Cultural change can be entured by numerous fectors sortuding education. One cannot avoid it one should not avoid it one should not wish it to he punided. We have all recent for the variations observe but none of us would the to go back to the Vedic age. The life has to he narraryad as whose, the life style of every period represents. The besides amongst a venety of wattents a of which can not be recreated in the seme fine proportion at a later time individual authority as nort of the system may sones to be idea; we not of that confeet they may lose their significance or even way become prestigic For example, the tradition of Vanapranths and Sanyas presupposes existence of extensive forests and a much smaller population. The feet that the population in our country has grown phenomenally cannot allow us to emulate Vadic ways in modern times. Wo have great regard for those days but the time has changed. A process of gradual change is continually operating. We have to accept appropriate our change sit a part of life.

Speic Issues In Economic Development

Now list us conside the oconomic aspects of our life. This is whose something can be really done, and these is where a decisive interventur should be made. In the economic field it is possible to superimpose some contents The changes in the land ownership provide the most taking example. An entirety atten concept of land ownership was super-imposed in our country by the British in the first phase of their rule to India This process is now genting extended to the tribel areas which were excluded by them for a variety of reagons. There are some votaries of communal ownership but many of them merely pay to service to 2, the general military to our country is in favour of individuaownership. Communal ownership in the tribsarmas, it. sherefore, under great pressure. For example, instructional credit is usually available anamet individually-owned land. In the North-Fastern region bulk of the land continues to be communally owned. So, there is no impasse on the pression of condit for development of land as this region. The various Committees have supported that the concept of redividual owner ship in land should be apparted for this repores well and it may rentage the community ownership so that individus cultivators can take edvantego of agricultural credit facilities end improve their lands and productivity. Then, there is also the question of individua initiative. It is generally held that unless individual sequires take in his land through individual ownership economic transformation is not possible. I do not accept this premise Establishment of agalitation social order is our national gov-Therefore, finalty, privage property will have a minimal role; it should rether disappear. But in the process described above private procesty concept is getting super-imposed in the tribsareas pust to Built our Institutional frame. Like gheir peers to the early phase of development in the rest of the country the tribal slite is for this change in the land ownership concept primarily because it serves their interests. These aspects are not gerring due attention since the elite at the national level and the effte in the tribal communities have a common cause

The basic queeting is tribel development is to guide by stockes of soon-economic stransforms too so such a very that while the benefits of new advances in solence, technology and cognitipation can be attending by the community deprhasion does not set to for any section thereof and the application shop in military.

With a view to living the various issues into focus will take the ideal socio-economic. frame of a tribes community. Most of the tribal communities have an equilibrium social structure There are no rich people here and there are no pool people sither. I may concede that this is en ideal and such an ideal situation may not goat in all subsi communities. For example, the tribe adventors in West Hannal is entirely different. that this is the traditionally accepted structure of a mibal appliery. This is acceptable to the members of these communities themselves as an Meal form of their society sencuried they tradition. Any change in this regard is taken by thom as devence from thes ideal. This is in another with the nerow case Hindu system which accepts herrarchy as a minural order even though the baneder unitosophical Hindu frame accepts acceptly as impleme Therefore the phenomenon of movetty is nothing unusual for a nesse Hindu. Has this is not up in the tribal evisters. It there is high degree of inequality in the tribel enciety it is taken as an aberation of running down of their traditional pustern. If such a frame is governity incognishe to the pennia, the plan of serion will been to be different from the one where inequality is accepted to sormal. In those societies where the treesed little era manufactoring to streems and are strong, all measured should be taken to proserve them.

Juxtaposition of Two Different Systems We have traced earlier two sources of change .--(#porteneous and (II) induced. An important source of induced change is contact with other groups and systems. This is what we will sonsider a detail now. When two different avalents come in contact with each piner, its purcome depends on the quality and also the intensity of contact. One thing which every tribul community faces as soon as it comes in posters with the modern system, is the erosion pf its politico-social sutenomy. The modern everem is incomparably already. Therefore in the new contect situation, the tribal society is rendered extremely weak and completely beloless. The people do not know how to procest their economic rights. With the scotlen of the eniction social autonomy, the society is unable to remode that protection sum to the chill Aberties of its members. This is an important expect which has to be least uppermost while considering planning for the change and developmere of the tribu possile.

Let us peeteder some propriete examples. When the new industrial complexes were cetablished for example in Randala or Boudwin the social total communities did not have any govern either in the general decision or details thereof They were not in a position to do so. When land was accused for these mounts it was the of tribal, therefore depended on the fact whether his name was recorded by the Patwars in the book or not and on what area. Since no ecords was presumed that much of the area was open and tree land. Therefore, it could be appaired by the Corporations without compensation. So we find a peculiar situation have—the administra tion turns out to be the grabber of mibal land. And to this case, it is also the administration which is the final arbiter about the issue whither fund has been grebbed or not. It is common human failing to support one's own pass. Convequently the tribel' a rights pot sarphy spaced. He got a very rew deal while everyone else was enjoying the fruits of development. It is those situations in which the tobal finds himself completely helpiess and he tends to become an extremal.

The second crucial isspect of the new content up the questioned inference in the structure of the two systems. All modern systems have a footner former while the tobal social systems have or forther former while the tobal social system as an order and informat one. To a riball his world is final. To us in the modern system, worth as antitort to us in the modern system, would be an interest to safety some conditional, it must contribute to the modern department of the modern to the minuske of the cover system. If you don't not seek.

A simple example about manage, where is a prepared unitine and exact to every varief what, will illustrate us to how the quality at low prepared unitine and the control of the declary of the global part of the state of the declary of the global part of the state of

and wife. And that is the east of it. According to the tradifice of Gonda of Bestar, a couple must perform the risual absoluted with the manuage, adouting a feast, before their first son gets manually.

Have as the tribal merriage where the word Auch road hansen the two is the ook necessary Academy for marriage and in the first wall lot me has timesty. It is this mustbelingeral frame of tribal balle which is taken advantage of by waterface. Where a new tokel how and a solval or become estimate, the untial airl is satisfied this two is sufficient may secred, in her innocent world. And thereafter they begin to live together as husband and wife as is customary to the tribus anciety. But the perception of the rong together is entirely different for the other partner. Would the our netwelly balleves that also is married to the hew the outsider knows that he is not follow with her with no obligations wholsoever which usually go with a

The east tigo is former age. The east of the manage is not make the manage is not necessary that manage is not necessary that make the manage is not necessary that manage is not necessary that manage is not necessary that make the manage is not necessary that make the manage is not necessary that manage is not necessary that make the manage is not necessary that make the manage is not necessary that make the manage is not necessary that manage is not necessary that make the manage is not necessary that manage is not necessary that make the manage is not necessary that manage is not necessary that make the manage is not necessary that manage is not necessary that make the manage is not nece

The next stepp is that of Muslim may roge Basides the word and a writness, there has to be a document. The two parlians must pur their significant purposes as a blasm of having exchanged me word in the presence of a winness. Unless at the tines elements—word, writness and deed reclasses the markets and combine.

The six says in the investion is that of circle arrange, A child immunities comprise, a number of sayers a number of sayers. According to the leve in India, Frestri or India,

Now set a now what happens "Any prime in the long front possess of cell marrage in their Suppose for lymps about a writing date and of 30 days. The marrage is not and of set all fails and and set all fails and an arrage of the latest and an arrage of the latest and the latest and the latest not become fail and set all fails and the latest and the latest not be used for an and set and the latest not be used for an arrage of the latest and the latest and the latest not be used for as latest and the latest the latest and the latest not be used for as latest and the latest and the latest not be used for a latest and the latest and t

The example of markege is illustrative of the basic conflict which arress due to differences in priception. The same holds in regard to property relationships in general and ownsrahip of land in particular, money transactions including indebtedness, etc. There is a basic conflict between the public athon and the deneral national military. Since word is served to the tobal, he believes that whetever he has said is pucca and he is bound to abide by it. But it Best on Mesoins to the other party which knows that he is not hound by it. The modern system reall does not place the word above the format forms. It is the formal form that is as notified by law and autocrted by the stronger system. The formal form prevails to the otter conjusion to the tubul who descutes by bods on to his word

Monor repearers a war high learl of dataset son all formal relationation for the America society. As expony enters a traditionat to find occiety, an element which are interrupt different countries from all the familier attented of months of the countries from all the familier attented of months of the countries from the standard or above the Known Now to America for the surprise or applicable on the surprise of the surprise of

The sum total of the above an areas is that in the controlled of excitoring development where the modern formal experienced the traditions that modern formal experienced the traditions that participation are in participation, there is all made connections between the from which that for each chain connections the the tribble commission of the controlled commission is sufficiently the commission of the controlled commission of the controlled commission of the controlled controlled

In the concerned areas and amongst the members of the community themselves. The sustanneition of the new system is an intervalence in that frame. Deep intoods are made by the new system gradually and the ultimate result is the ioss of their command over resources. As we have seen. this process has been in operation necessitily for the last two contures in many a tribe; area. First the forest is lost, then the land and, finally wear. his freedom has been jeopardised in many ararru. The bibal fire become a bonded labour in many cases. Thus he has been reduced to the status of rust the rubble. The tribel is forced to join that third non-descript strutum of our society Look a , the education impand Ranchi of Rourkells. What has happened to the meditional Rendom loving tribe extratree there? They have disintegrated to form that formless rubbie Where the tribate used to till their fends at proud agriculturials, are now flourishing indivatree. But, in this transformation not only the correspond has dissolved but many of its

enambers have perished

the tribal agricularity enjoys in the beginning where I was treas are opened up for the first time jobs. If the two fell gulf in some point he rain or insuppled. They should be able to nego tials the process of socio-econômic transforms tion without toes of their command. This is the first premise of initial development. A word all caution, howaver, is necessary at this stame This toss of command assumes a number of forms which have to be carefully understood. For example list up take the case of Ragaland. The Nages have their own State which is managed by their own representatives. In a way is may be taken as sufficient to ensure that their commond over resources continues though, may be, in a modified form. This is one possible way of schoving the desired goal. There may be similar demands elevishers. The command theory can provide the most important logic for street-un of 4 sec. in state. But in my years this is neether peccenary nor sufficient. It is not necessary that uxtencetion of two systems should show result In loss of command over resources. Similarly the more fact that a separate state or administra Eve unit as setablished does not by their ensure that the command giver resquires of the commumity can be recained.

We may consider the above formulation in some detail. It is not you bust for the steen to ature the rights of a community or the common cisizes. In the triber areas the traditional normal-

mily at under protects from the modern state Moraquer, there are a number of other elements In the process of scoop-according transformation souch are equally important and sometimes crucial. The migden system in some cents opingtes subtly. Here we may eleb consider the significance of the off-repeated crohe that tribal communities should soin the main stream of nations life. Does it meet that they should Expression themselves unto a mirror mage of the main abracill' which itself suffors from traffign do-s at a Fostion ? Or we should have a miles of give and take. The tribal eccleties have much to offer provided we care to understand their strong points. was asking some friber studence on my clear the other day Tel me, why should you have the institution of a ofensati in your ares 7 Soors stratification on class than in against riber regition. Moreover 1 is sten known that not many tribal officers has to have s tribal Channah. The receon is elmore. The sibs. Chaprash/ will light his closratte and as response to the ca -helt, will enter the room of The base on a fit tribal development is how his Sphilb and est Heip Mr. X. W. at v. a. want? He will take his own time to do the to shaure that the command over resources, which sob. Sometimes he may even reluse to do some

> may say taleght I wil talk to you when we vise our village. That is the end of it Such a response is not in consonance with the new impersonal in enarchies inches which are implicitly accepted by two members of the same community by toliving the new organization. There form, event a triber officer may pealer a low cast Chaptash since he belongs to a stratified accien and accepts his role in the official hierarchy a well as returally as in his own society. New here I sek my students another question as to how ione are they going to condinue to have the low-caste Chaptashing in their area. There are two procesees which are operating indestently. Firstly endey the tribes Chaptrant and the tribel Sahib have the same emotional response because they belong to the seme village, both of them, share the common experience of their traditional community But then the son of the tribel Chaprashi and the son of the tribar Sabilit will not have then privilege: they will grow as different suppordings as two different individuasis. These two so doubt may have some memo nes which may provide arms harden force by

tween them. But in the third generation even

these memories will feds out. The son of a

tribel. Cheprash: is alkely to accept the role of a

humble Chapraghi more easily than bis father

who first came from the village with another tabel youth who, however became a Salno In any case, his grand son is 19ee; to have no que ma and would accept the rete of a Chaprain as successfy as easily and as obediently as the row-caste man.

Ter basic question is whether it is necessary to medica the determination research in a society which has the traditional society on whos In fort we me dedicated to building up of that other in the Yabonal life. But unfortunately the that ideal to amounts. The only model which they have is that of the words national life norm prising socially and economically attructured anciety where there are need end there are risk It can not be a model for an application society Liffceturbulary, we are not even movine in their direction. My point is that in this relial areas there is still all connectanity was have not exploted this potential we have not even appreciated the significance of their living tradition for the cational He. The vil age community in the tribal areas is alrong. the tribal community is strongly a favour of retaining the traditional anotherian prouplers, but shey do not have a clear while shoul what is between The after amonest than which is canches of confensesding the Datus of new forces in parliage Consecutivity the community is helplets before the new evelen.

An array of new elements, which are not very healthy are being injected into the socio-soons Mic system of these grees. The most describes gost would have been to retain the ansiteran ethos-to harness the new sounce and tacknology and the new drownisstional systems for strengthening the socialistic structure. But three needs are analyst the nerrow attactivestines. systems for strengthering the acqualistic structure. But these mosts are employed the narrows: letterante of the energing eine. Can we do acmething in this context 7 is view of the restrailing matter ne mility of individualism accolationance and Fetrace for coick autoese, it may be diffine a for the tribal alite to see otherwise. But as used One thing is possible, that is, the development In the tribel areas may be so guided that dear Varion processes do not see in. At years no tribal read by peer. There is no doubt that that are the furly name. Decount is will not there. But a distinction has to be special between an 'serlier stope of development with meaning wants and arrell production-base" and "poverby"

which is an entirely different phenomenon so that there is no contribion of largers.

The basic quietion which can be devoulated bons a whether the tribel communities should emberk on the path of economic development unmindful of the fact that powerty may spoon amongst them in that propose, some pages, only grow rich while others may face deprivation And then at these near may one together and tales the alocar Workers of the World John or they may must a sad fine or a blue fine or a flux of some rober has fire should are adopt a path where a situation of poverty agualor and stark secretarity do not arise 2 has a be at capted as the goal of our pranting that the saft man in the tribal spalety set be not a lowed to go below what may be sermed as a on original to associa a se best-sone ed The most promising part of this poomise is its donephance with the tribal ethos. If the tribal community is allowed to have their say and engbled to participate actively in the days unwant many, this will be their most mafirsted choics. Here is the real significance of the politica social system of these traditional name after Without execution I am say that siven a choice, these societies would have seen to it that money attenues them becomes very sich and more of sham was rendered very poor. They have a long tradition of morrosining the social bulance. This aspect of their tife has not been fully engreciated to our nerional life. The new sittle amounts them has been mistaken as the genuine tribe lenderable and taken to represent the community athos. This is not so. Therefore the process of development in meny a tribar ains hits taken a umnon direction with rather suchanass see, see

development beis coven to her beart fields.

19th, () whether the restlictude command of the community over response gat be particular to the community over response gat be particular to the communities of the communities can be restricted of these accommendates can be restricted to the communities of the regolitated without can be response for the control of the communities can be regolitated without can be responsed to the communities can be regolitated without can be super-imposed from outside. The first without the control of the community about the community about the allowed to about the might be recommended to the community about the community

Thus, firstly the entire putation of tribut

This last question brings into the operation of some of the basic democratic processes In our country, we reak nation are worded to dametratic decentralisation, in my view Democratic depectrulaction: is a very unhappy term. It refers to a process of decembrishment of power which unitely as located at a cereral point. Thus, by implication, it is accounted that the inherent power is in Delhi which could be shared with other levels. This is negation of the inherent power being with the cecale. Where is the question of decerpralisation of the power which rests with the people. In a rest democracy the delegation can be only from bottom to unwards. Let the nancie delegate some powers to the State, let them desense some powers to the Centre, but the people. the communities at the grass-tools are the real source of power the final verdict should be entire enough to accept this formulation. They are not prepared to trust the people. There belong to the system which has pauged the power of the people. The modern State is the WORK triant Inespective of its colour -rad, blue or white. The State pays marely lip service to the sovireigsty of the people in whose name ewporing goes on day in and day out, the State does not a proper that must. That is the basic conflict in the contemporary human situation

Poppie's participation in the real sends of the term in eather difficult when previou of their surpority is deligation of power from above. will sustrate this point by an example. One day a tribu approached me in Rosser where I was Dy Communicany He said. 'Sir our tank has been taken away by the Green Penchitet' Since I saw pullsion wrong to this almost streament I said "that is line what do you want from me? He said. 'Sir, give the tank back in our Caso Pansions! I was not able to follow him, I was rather perplesed what But a little reflection made the things clear I hed a long chat with him. The besic point before the community was about the entroise of the ree authority Gram Panchyras is a formally constituted sythestey under law. In the village setting it is symbolised by its secretary. An decisions of the Grem Pancheut g's substot to aposel in higher forums. In the tribs; analysis whatever the State decides is the last word. Gram Panchyus not withstanding its chate form, is a lowly last, our in long, historichy

beginning with the flary heights of Donis. A second class Proceed in the proceed and a proper enveloped to the traditions, body of the proper enveloped for the proper enveloped for the proper enveloped for the property of the property of

Teday with all out democratic presentions, we are not prepared to hondur the ecovershooty of the people in the test serve of the term. It is have that the tribal community is unable to intonche. In their case, the tradition of self-covernous has continued it is a reality which they have experienced. But it is being destroyed bit by bit, by new sustitutional forms which the tribel is not able to comprehend. Consequently, the community finds itself consolorety at the marry of the modern system not withstanding the fact whether it is a benevolent modern system or authoritarian modern system. All of them begin with the premise about the source of authority being away from the people, they are in a way anti-people. If we can not honour the authority of the people. if we can not trust the people with matters can coming with their own self the education of shoe children, their new nutrition, and so on there is something basically wrong. In the final analysis, the phoice really is

between credibility of a petry official symbolisism the system and predibility of the people. Those of us who have never enjoyed community. He and experienced its functioning can not appreciate the agony of the oppole whose authority is underthined by those minimus of the System for whom they dan not have any regard either as utdividuals or as a part of the system. I can grown you that if the people are allowed to conduct their own affairs, there can not be any disaster, things will be much better compared to what they are today. What is more, this will engender a new confidence, a new burb to the people, a climate in the nation, which will provide the solid foundation for building as equilitation society of the dreams of the founding fathers of our nation,

THE JUANGS OF ORISSA: THEIR WORK AND FOOD INTAKE, DEMOGRAPHY AND FERTILITY

stated below

Dr. N Patnak

Introduction

The using is one of the primitive bibes gareed over the districts of Kaonjian and Diseasant of Orisia. The section of the tribe living in Koonjian district carries on shelling cultivation and a in the pre-agricultural level of technology and those binning in Diseasant district or estimated Outricrops and wage services. Because the property of the p

characteristics which distinguish them from other tribal communities. These factures are (1) Steek and burn cultivation which does

(1) Stath and burn cyclination which goose by the prema of Dah; (Fring), Kamana (Sharring) or Tells (up and) in the Keonjter hills.
(2) Mandaghar (Sachelers' domitory), the lenoust his visitors where uniformed Youtin

men steep at hight and spand time in dancing with the unmarked girts in accompanisment of made and play of changu, a flat tembourine— like drain (3, Division of Villages nto Bandhu (cognaric) and Kutumby (Agratic) villages.

Like the Sental, Munde, Bishot and the No. the Jumps belong to the Proto-Australia crass as 2004 and have a lapsquage of their own myloth Spyres a baston of Proto-Central Munde group of languages. Most of the Justing men have better billingual and speak and understand Oriya in edition to their motives tongue. But the ubugs women field it difficunt to understand Oriya and speak exclusively their mother tongue. The population for their motive tongue.

greet vortailion from one decintal cansus to the

other. Their population as estimated by the

Year of	Total populat
Mumergiogo	of the June
1891	9,173
1901	11,169
1911	12,823
1921	10,484
1931	18,024
1941	17,032
1951	12,659
1961	21,890
1871	24,379

The betwe figures show a fell of the Jeang population in 1821 and 1851. The decrease is population by 4,472 must between 1841 and 1821 in the population by 4,472 must between 1841 and 1821. In the 1821 was shown 1891 and 1821. In the last 20 years show his base considerable misses in the Juang population, in a trush of the carriege causality of task under shifting culcivation among the Juangs of Koontrar desirects of sending language of the carriege desirects of sending language of the part of the carried of the carried of the part of the carried of the c

district Dr Sendindu (tipes (1987) has pointed out the consequences of increase in population among the Juangs in the following way: (1) Instead of depending on their own and the Juangs have taken to wage labour

to supplement their income.

(2) Some Jump familion have left their native place and come out in search of hand

place and gone out in search of hire agricultural and menual labour (3) The rate of consumption of food has some down to a great extent

(4) Many Juong trousshords have not into debt and some Juang families have changed their and use by siding up use politivation in Valley bottom unds wharever

such tonds are available. The fend in the Juano pith (Justic country) of Kernsher district is in short supply and there is beauty presents of population on the land Kadaübed, for example, a typical Justing village or Knopibar district can support 307 adult units with two accure mosts a day but there are 80 mouths to fired. Other Jisano villages pretent more or less the same problem. On secount of deposition of the soil resulting from the represent e-thing and burnion of the vitosterland count In the hill-slopes there has been considerable shifting cultivation. The minor milittle which are the esage food of the Judge are in short supply and whatever quantity of rice is svallable from the Tells lands is inadequate for consumption On the whole the quentity of different

grops produced from the Swiddens leaves nothing by way of reserve. Even at its beet the Juanga of Keoniher are fed far below their total needs. The condition of the Juenge of Dherkens. district is, some what better then what is seen in Knowher district. These Juanus carry on cultive-

tive of maddy in the plan lends, and suggestment they income from land by taking up wage pursues and appropriates sebout Though both enctions of the tribs shifting cultivators of

Kepenhar district and sected publicators of Disensanal district are brootly at the substitution ussel and expension shortens of food. their life style, the types of lood they get end the quantity of otake of different types of food vary from one area to the other it is atsumed that food

extends the reproductive capacity in a communite Taking this basis for investigation first villages in the Judge pith of Keenshar district and four Juana villages in Dhenkarau district were taken up for study. The survey included pollection of generalogies of all the incustabilities of the selected villages to find out marriage propes, birth rece, fertility fecundity and barreness of women. Three femilies on the Keenchar aide and three families on the Dhenkanat side were closely wastched for acver days and the neture of works does by men, women and phildren and time detected to different types of works were engeded in these six ismilies a food consurwas undertaken and the types of food taken by different members, of these households, neluding the manifes of different food, from seven were

also studied by direct observation method. The findings of the study are presented in the follow-CLAN OFGAN SATION AND MARRIAGE

Clan Grosp-zation

The soudy was undertaken in five villages of Kennibar district and four vitages of Dhenkins' duried. The Table 1 gives the own composition of the villages included in the study

			TABLE				
		Stud	y vitigge and old	ю сотр	nerdea		-
_		Single	Cita		M	ultiple	
which		> lingus	Clore		Vi oper		Clens
(1)		(2)	(3)		(4)		(5)
					~		
in, har	1 2	Gonzeike Guptegange Kadibadi	Tamerebak . Barumbak Samosbak				
		(action)		4.	Tals Radio		1 Barumbak 2 Temerebek 3 Semcebek 4 Keinebek
				5	Hatisido		 Hatierdebuk Bierumbak Sarambak

	Smole	Clan	Multiple	e Clara
District	Villages	Clare	Vitinges	C-sns
£1)	(2)	(3)	(4)	5
2 Dhenkshall			1 Mahatpirda	1 Banamba
				2 Kelimba
				3 Keleba
				4 Rengedab
			2 Beliabandh	1. Agnnab
				2 Banamba
				3 Bhapui
				4 Bostan
				5 Hal sulev
				8 Kulimba
				7 Khani
				8. Manimba

3 Govindpur

1 Bryambo
2 Hatitulev
3 Krimbo
4 Kutubandisib
5 Mediamba
6 Saramba

3 Dumbunamba 4 Hatatlay 5 Kelimba 6 Kelimba

7 Mydiembe . B. Saramba

Originative the villages were of single clee. But in cause of time due to mise village migration of people many Villages have become musti-cleen in composition. This is more on in Dayelstens district their will Kaceyhar district. The Yathe 3 shows that of the first villages were of cach one clea and expect three villages were of cach one clea and two villages or multiple cleen in commonstion.

But is the care of Dherkana dilatrict of that four villinges are each compased of multiple objects. In governments these are as many sentine clares. Such a multipricity or claim composition is not found in the villinges of Keonghar district. It is excessed to mention a few vectors about

It is processify to mention a few words about the same sted for the plane, in Keonital the

terms used for the clans are in most cases synonymous with the names of the villages, it means that a man or a woman rulers, his or her clan to his or her village. For the moles hak is suffixed and for the females toll or vial is sufficed giter the clan names. For example Dudet, a man of Tal Rootle village belonging to Burumbek merried to Mahumi a seromen of Barrows village belonging to Machuelder plan. His son Ratene of Barumbak mented to Ral of Dumbuns vileos belonging to Dumburio rei iclanend his daughter Shrimati of Benumrei clan scenned Jiharla of Canil village belonging to Gansibak clan. Tel Reidle to a settlement which has been astabilished by those who have migrated from Barum village and sherefore she people of Tel Raidiz identify themselves by the name of their former Village, that is Barum which is also

Other clan names which are compiled from the genealogies are listed below—

pred for their own name.

Males		Females
Turnofilbak		849
Kandibok	**	Kandirol
Dum:=abok		Durtiburises
Nachulbok		Hachuidel
Tengarpodiabak		Tengerpadara
Barumbak		Barurodai
Szmnabok		Sampura
Lambabok		-
Hatraldebok		Hatleidary
		Temeracu
		Balingdal

This clain number of the Justice of Development of not right to the sense of their villages. Hereafted in my right to the sense of their villages. Hereafted in my right cases they are villages names. For example, one of the clain nemes are started as village names, and the control of a village names. For example, one of the claim name, and a sense of the control of the claim of t

person and in all probability the 'be' at the induced form of 'both' which is sufficed after the clain name by the Joangs or Keonyler. A test of the clain names as compand (r₀m the genealloyee collecting from the study villages. In Dhrinkanal district at orient below.

Motor	Pemales
Baracheby	Berachaba
Kelaba	
Fithgedabe	Rangadabo
Kellemba	Kellerobe
Adhemels	Adhemab
Khanaty	
Barolintu	Berohane
Hatmalev	Hatisələv
Mudingbe	Mudingbs
Baranabak	Katubondarai
	Katimbarai

The list shows that the suffix for us control to both rade and female clan names websels she suffix rad's exclusive to the femalez et in the case of Keorijus Juanga. That the suffix he is a subject of a chief of the suffix he is the sleppidied form of ack is evident from the suffix he is the sleppidied form of ack is evident from the suffix he is the suffix of the suffix has been sufficient to the suffix has been suffixed in the suffix that the suffix has suffixed to the suffixed that the suffixed suffixed the suffixed suffixed to the suffixed suffixed suffixed to the suffixed suffixed

Rapoimba

Marriage Area and Types

As mentioned above the Juang willages were formerly of single clan and as the pier is exogsmous no marriage within the village was possible. Therefore the villages were proposed into two divisions-one group forming the Kutumb villages and the other group forming the Bandho villages. By this ettangement people of the farmer group at villeges avoid marriage among thomselves because they are related to one another by blood. They can marry only in those villages which are of Sandhu category. that is, villages composed of clans other than their own with which marisal relationship can he established. Now in those villages where the clan composition has been caulticle, cases of morpage within the vikage are met with in agnificant sumber. The Table 2 gives the meritage area of the study villages

TABLE 2

Merrison Area of Stocky Villages

Study area		Villegts wo	Villegits with clan composition		No of marriages	
		Single class villages	Multiple cla vellages	ie.	Webs	Quitac
(1)		(2)	(3)		(4)	(6)
1 Keonjhar	**	1. Goneila				28
_		2 Guptsgenge				18
		3. Kadhbed-				35
						78
			4. Tata Reidig		6	B1
			8. Hazrade			45
						108
			Timi		5	185
1 Dhimkanal	**		1. Beladisbendha		3	30
			2 Euromager		3	40
			3. Mahalpada			9
			4. Govindpar			28
			Total		\$	107

The table shows that of the five villages are Kerolyte district hear villages are of all oil of realls claim in conspicious. All the 73 works are seen as the oil real five of the oil real five oil real five between the first oil real five behavior of the three shiple claim villages were heaf outside the villages. An expectation to more major considerable villages and 41 marriages outside the villages and 41 marriages are the discovered of the claim care of the discovered of the villages and there was not offer the oil real first oil real fi

In the case of Dhenkanat all the four vellages are multi-class in contineation. In two cases out of 78 marriages are many as 70 marriages were held decede these villages and only six memojos within these villages. In the other two cases, all

the 37 marriague work held outside these

One significant trend which emerges from these cases of mentage in multi-clar villages is that the choice for mentage in seportly cases in both areas is lawards occupied villages.

All meyels the mirrage, hybrid strategid mirrage in which powers pays demined on in the effective of professional pays demined in the effective of profession of professional pays marriage which have not context, case of the promising on which have not professional pays marriage on which have a few mirrage of the professional pays and pays a mirrage which and four and professional pays which are found to mirrage which are found to mirrage which are found to the professional pays accepted to the pays of the

DAILY PATTERN AND SEASONAL RHYTHM OF WORK

Fettern of Work

Sumply slight differences by and large, the works carried out by the Juvege a both the districts been marking to right an different time amountain the regist and different time amountain and amountain and amountain and amountain and amountain and amountain and amountain amountain a second of the second of the

with the early librar is some diffusion on the way with the early and the early depuls as wheth has entirely to do with plopped and amount early to be early to be early to be early the early depuls as well as the early to be early

Another difference is noticed in the eschafol septiced of cally file. The Jungs of Recoper was claim to very display be because of Services and Services of Servic

Annual male of settrician

In the case of the Jungs of the Storijae district, the recording to Bread in Arthritis california and collection of foreight produce whereas in the case of their controllection on weign entrage applicational below on weign entrage applicational below and peoling outdrained in the plants. That difference is regardless are supported by the production of the plants. The difference is regardless are conceined protection for the plants are supported by the plants and economic articles between the Jungs of their districts. Bellin mines and the Jungs of their districts all the sum and the plants and their districts.

Among she warnes of Dhenkanet optrivation of rice in the main lattic and emirathirs. Jahou and went eserted are significant agencing number and the circ which is division in the lends and serviced on scene from short attent diff. As there is no forced neathy no force produce is available and huntro is out of question. The fruit trees fix manage and partition are available but not a such a great comber on in coursel in the Joseph of his Kennihar district. The Justice of Dhankson! district who are or nursily farming denote not a own lends or I om marphbouring farming communities and from markets and eat a far givefulty of them with cooked rice and pures Among them women do as much hard work on then do and the bulk of the hired labour le The America 2(a) gives the senual cycle of activities as prevalent among the Juange of Keonihar and Annexure 2(a) that of their

FOOD COMPOSITION AND NUTRITION

Junea Prod
The wanty of Dot-thur opport primyor upon milet det with addition of ace vegetables make and milet produced produced to the second produced to the second produced to the produced pr

are also habituared to drinking liquer brewed toom mobile flowers and organised from new

This companion the loods taken by the Juangs of Kaomhar, Dhankans, districts shows some difference Among the Juanga of Dhankanat its forms the staple diet and millets, rag and maize are occasionally taken. Their main spod a what is called Pachal Bhat, cooked rice kept fittill service under plain water over dight Whapever Iresh and hot speked rice is easen the dal prepared from outres and ourse prepared from various fross of vegetables from the side dathers. Green manno and summentd cooked topsibet are taken for soor tester. Cakes are preparted from rice powder and real flour on special prospins and asten weezque any aids dishts. Mutton chicken and eggs are also used as 100d washings such fond stern are available particularly due no festivities. Vegetables and most are cooked to water and oil. stymbre

orrion, shifty and spices are added to make the The Justice of Distrikanel are not so much Nibituated to drinking liquid as are shown of Righton area. But they drink the suice of powdered opium fruits boiled in water which is strong and relief siving

During the field work the dury food intake by different family members in six femilies—these a Kapaliher study seen and these in Dheckanel study upon ones observed for seven days and the quantity of different food users exten per day to male and lemste adult units was selmost with the halp of the attended detains on nutrition brought out by Netional Institution of Multition. Hyderebad. The constituent nuirieres of different foods were found out and the extent of 13 constituents available in the daily system that per male adult unit and female adult unit were calculated and the findings compared with the corms recommended by the Indian council of Midical Research to find our expess or defficient intake of each of these curemismis The Table 3 gives a comparative piggie of excess and deficiency of these 13 numerous in the diet of the Juence of both areas. The date are at anged under three sategones

- 1. Nutrients found to excess a the dist side by both our and women
- 2. Null sents found deficient in the diet taken by both men and wernen.

3 Nucleots found in spores in the dist caken by the make and difficient in the digit taken by the families.

The table shows that nutrients like calcium. phosphorus, you and Vermin A are found in excess in the diel taken by the Juanes of both series of Econibar district. But excepted Phospholus which is common to both arists certain other migrisess such as Carbobydreta. Vitamin B and Nucleo are found in axone n the dist of the Junea of both sever in the Dhenkara més.

TABLE 2 Excess on Deliciency of agrected Nutrients in Journa eller

Receiver	Dhankare			
Excess nijeka by both	men and women			
Catcium	Phosphorus			
Photphoras	Carbohydrate			
Pog	Visorsin 8			

Venezie A Nino Deficient intelle by both men and women Protein Fat Fet Vitatiin C Calory Coremos salt

Vitativo A Соютор заіх Exzess intake by motes and deficient intake by

femants Carbohydrate Vityteln B. Vicamin B. Protein

Celory Vitahin B. Calcium As regards deliblency it is found that for

Vitemin C

Vitation C and common salt ary deficient nutrients common to both avers. The deliviers nutrients which etc spetific to the state on procein in the Kenniher area and Vitamin A ... the Dhenkaco area

There are seven different systemas which show by the feetaus. Of these food values vitamin 6 is common to both eress. Nacin and Vitarion B. "all to the Kebrurar side and Protein Catory, Care on and hon to the Otherhand aids. Rood vitius of different states of tood taken darly pemale adult unit and female adult unit both for Knonther villages and Obserkanti villages to obser in the Anamore 3 (a) and 3 (b). The compani tion of the marrow dies of the Jeston of the SCUR'Y areas as compared with the norma Rosserch is presented in Ameeuro 4 (an for Energipes Study Area and on Assessment & (8) for

Juana dodulation and Sex Resid

In the stocks was the Notabase of the force was 470 (236msles and 234 females) in Oberka not and 480 /220 males and 221 females) --Keonihar The sex ratio comes to 562 in this former area and 965 to the letter most i The Table No. 4 nines the population and sax ratio among the Juneau of the state as well as district featig for 1961 Company and 1971 Company as company with the correspondent figures of the study was as collected during the servey is \$994. The sex ratio for both tim needy erest is 979 whereas the corresponding figure for the Jeanda of Dheckara: distinct as a vehicle in 1 041 and for Kanniber in 1,074. Except the study areas and Keonthar detruct for 1961 Consus the eas satio as the State level and at the district level in both 1931 and 1971 commat -s choss 1,000 versice from 1,019 to 1.074. This shows that the familie population is greater than the male population in the Justia

TABLE 4

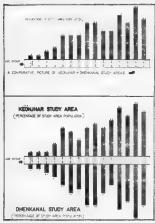
	Juni	ng population	and Sex A	Bacco		
Year	Area	No of couples	Total	Pop, fation Milital	Fernulos	Sex Refro Furneles per 1,000 Maray
(4)	(2)	(3)	(4)	(0)	(0)	-(7)
1001	Oritea		21 890	10 877	17,013	1.013
1881	Keepinghan District		9,768	6,028	4,740	943
1961	Othenkanal Datriet .		11,661	8.507	5.964	1,087
1971	ORISSA		24,584	11,688	12,490	1 081
1971	Kegophan Dryfrigt		12 272	.5,966	6,408	1.074
1971	Dherkarel Dytrics		11.378	5,574	5.804	1 041
1984	Dheckan- Study Area	87	470	238	234	992
1984	Keenghar Study Aree	105	460	220	221	985
1984	Study Area of Keonjhar and Dhecksoci	202	920	405	466	979

Distribution of Juana monutation of the Ptvdy Aress by age groups.

The population of the Junean in both the where areas in distributed unider 14 connectours each of four year interval and the latt app-proup is 70 years and always Gassel on the data a monufation recorded has been constructed. The

age-proofs is given in Table 5. But the monutarion promid is given below by the side the production retained for Educate and Dhankynul districts is given for compo ison

Population Pyramid-Dhenkanal & Keonjhar



The primited above that there is no hause of information between the upday areas in respect of the destilication of proquisition caused difference between application. In the last agree operation, the operation of the last agree operation and these per-primites comprehensive proposed on the last agree operation of last agree in last according to the last agree operation of la

errorsh population of Econjeer and Dhreshabal destricts talken together it shows that on the shrended the tapening letted to viery clear and the base is itsnich broader than that of the study cases

The distillation above that the children of the distillation of th

ean pyramid for the S years

					Ape Groce	name Delivera	0 01 00	ne movie	1994			_
	g No	Age group		Plent	and Soot		100	ryfer Strets	994	Diversi	land and I South area	
ŧ	~			w	*		*	i	,	M	STATE AND	7
	75	2		3	(4)	-5	91	3	181	(9	101	71
								-				
	1	04		29	26	49 10:01	29	20	48 (114)	to	40	(01) 98
	1	Back .	-	26	211	60 (12)	36	22	58 [13)	70	48	110 (13)
	3	19-16	-	35	17	42.00	27	18	49 (19)	10	33	88 (9)
	4	18-19	-	22	31	53 (*1)	26	29	44 (12)	48	500	107 (11)
	5	20-24	-	10	11	25 (S)	10	30	41 (0)	22	34	66 (7)
	٠	26-29		36	17	34 (7)	12	19	26 (77)	30	30	82 (7)
	2	30~84		10,	31	47 (10)	10	19	70 (0	34	45	88 (\$)
	٠	3630		211	27	48-19	16	47	22 m	30	44	80 180
		40 m44			0	10.46	10	15	20 (41	37	21	48 (8)
	ū	4343		20	10	32 (5-	11	16	27 (8)	34	20	69 (8)
	12	60-34	-		18	25 (5)	20		21 "	28	20	34 (2)
	12	6000	-	à	- 0	13 3)	2	12	14 (2)	10	17	27 (3)
	,3	60-66		2	7	10	5	4	7 (1)	8	11	10 (2)
	14	4501		1	3	4 (1)	z	z	4 (%)	2		0.00
	13	19 ped stiged		2		fi et		2	3 (1)	2		0.(1)

Morite status of females of different agegroups (in percentage)

The mantal status includes three components uniform ret, mainted and currently married. The rearried includes married, widewed and divoted, and the currently married includes those who married last year. The information are provided

This date show that there is no woman above 20 years of age among the Julings of Keepfeler Who are unmarried. All the unmarried gifts are accurring to the first two age-groups, that is, 13 gifts to this age-group 10-14 years and 16 gifts to the age group 15-19 years and in the rate group 15-19 years and in the rate group state is not a single cape remaining age-groups there is not a single cape.

In contrast a different picture is seen in the case of the Dherkans! study area in this case there are wmarted waters not only in the tirel two age-groups as in the case of Koonjiar but

also there are unmirried women in many elder age-groups such as one unmarried woman in 25-29 year age-group, two each in 30-34 year, 35 29 year age excups, three each in Eq. 54 year and 60-64 year age-groups. As regards culvently morned evomen all cases of this nature are confined to the first two zow-groups that is 10-14 years and 15 15 years in the case of the Keonjher study area all the three manifed married. But in the sext age-group, that is, 14-19 study area 17 women were currently matried and out of 13 married women of the Keonihar study area 7 women were currently married Extept these two age-groups ne other age-group show any currently married cases. It means that both in Dheckanal and Keonjher manages of women are held before they attain 20 years of age and tase marriage after 20 years is not in voogou among the Jeanna.

The control of the		Age-groups			More	Mereal south of Justings of the study area, 1994	mps of the stud	y area, 1994			
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	12 12 13 14 15 15 15 15 15 15 15			Upmanned KEO	DIS KEO	Married 9 DEL	Agrical ₁ Widow KEO			Carsonity mar KED	DRL +KE
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	1,2,371 1,10,252 200091	€	8	6	693	ê	92	6	(8)	(6)	(10)
1,25,771 1,05,772	1,2371 11,1452 710-27 2	10 14	17		30(90-91)	1	2(18.75)	3(\$-69)	1	3(100/00)	
(1923) 6 11 112781 (1922) (201	14-94 10-1	15- 19	12,39.71)	15(50:57)	27(45 76)	19(61-29)	13(46-43)	32(54.24)	19,57-89)		18(56.30)
2 Action Actio	1,000 11,770 11,170 11	20 24		(%0)		(1/1001)(1	22(100-00)	34(100-00)	I		
12-6-80 2-6-80 2-6-80 12-60	1,5 c. 1	25-29	1(5/88)	0	1(2 70)	18(94-12)	19(100-00)	35(97-22)	1		
(A), (A)		30 34		0	2(4'06)	29(9255)	18(100:00)	47(98-32)			
(4,5) 0	(c)	35 - 39		0	2(4-54)	25(93-55)	17[100 00]	42(35:46)			
C C C C C C C C C C C C C C C C C C C	1	40-44	10%)	0		10(100%)	11(100-00)	21,100-305	r		
		45-49	(7%0)	0	1	10(100%)	16(100-00)	26,100,003			
		50	3/20%)	0	3(1154)	12(80%)	11(100:00)	23,68-45,			
1,42,816 0 3,72727 4,6274 (4,000 0 1,0		88-69	(%o)	0	1	6(100%)	12(100-00)	17,190,00)			
φ ₁ φ ₂ φ ₃ φ ₃	(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	20	3(42.85)	P	3(27-27)	4(57-14)	4(100-00)	8(72.73)			
(67) 10 4 (1007) 21(131) 11300005 (1007) (10	(9%) 0 4 17(9.58) 16(1.28.) 26(131); 11000000, 21(100000) 6(100000) 11(10000) 0 11(10000) 0 11(10000) 11(1	66- 89	(0,0)	0		3(1001)	(100.00)*	5,100:00)			
4 17(18/28) 16(12.4) 22(1312) 11008423 101,8747; 21(66/53) 11(943) 7(6/23) 13 17(12.4) 15(11.5) 22(13.5) 1208748; 11(86/54) 227(25.10) 11(9/09) 7(6/92)	4 17(1028) 16(126) 20(131) 1100862) 10(3707) 21(665) 11(94) 8 17(124) 16(135) 22(130) 120(9768) 17(664) 22(80) 11(90)	70-1	(0%)	0		C(1007)4	2(100-00)	60,00,00	,		
17(12.41) 15(11.35) 32(11.90) 120(9765) 117(6.64) 237(22.10) 11(9.08) 7(5.50)	17(12.41) 15(11.56) 52(11.50) 120(9765) 11(8.64) 237(82.10) 11(9.08)	15 44		15¢12 9uj	32(13.12)	110056-62)	101,8707)	211(8683)	11(9-91)	7(6-93)	18(8.50)
		15 48		15(11.35)	32(11.90)	120(9755)	11,7188 64)	237(88 10)	11(9:08)	7(5:36)	

Percentage of married, widowed end divorced population

Data regarding rives matters are presented in Table 7. No special feature is necloud, as the category of mirried in both the study state except that in the case of Kocolitat area the processings of mirried strong the features that on the processings of mirried strong the features that the case of Kocolitat area the processings of that of the case of Demarkant area such as low phrospacify of married among the features is married order in the non-connect of ROM-65 verse.

This widen Rood is seen from the spe group of 50—34 year, prevent for Doth Thales and Fension in the Directives' trudy area and the remains in the Directives' trudy area and the preventings of widenmood is specialcadarly began from the pay good of 50—48 years upwerder in the pay good of 50—48 years upwerder in the case of the realist. The Kenelpair study were proportion at different prices in other cases the widenmood starre from early age-group of 10 ° 9 years. The males donor them wishow

to older righ-groups. But in the case of this females the widowhood is seen in small extent up to the age-group of 45—47 years after which the widowhood is seen to have estimated in great magnitude.

The problem of divorce is of little impartance among the Juanes of Obselvans) study area whereas it is of great argnificance to the Keonyher study area. The matter of divorce has encured only in the age-group of 35-35 years to the extent of 5/55 per cent on the male side in the former study area. But this problem is seen to have occurred from very early age-group of 20-24 years on both sides of males and females up to the age-group of 45-49 years beyond which there is no case of divorce in the letter study area. One of the metons for the occurence of divorce to a greater extent among the Juanes of Keptshat then among their Dhenkess opunted parts is they she former have returned tribar characteristics to a great extent and our less influenced by the Hindus among whom the postors of divorce is not in voges as it is among the Percentage of over married women with number of children

In this section the motor rolating to the number of children which the married women have ever group birth in both the study areas in eneighed. Children up to 14 years of soe have been counted for this purpose. The dett are

The lebs shows that the women become no child are in ordatar opposition in Kanniber study arts (13:24 per cart) than in Dhankanal study and (9-09 per part). The paragraps of vermen having one child is the highest in both the Arran. It is 23:94 per cent in the case of Ditableton and 2262 per case in the reas of Keonjhar study area. As the number of children

increases the percentage of women bearing thum accedity decreases. This pattern is vargely applicable to the Dannkand study area. But no such ofter out pattern is noticed for the Keeminer study ever. In this case the percentages of women basing two children is same as that of those bearing three phildren. After the third chird there has been steep fall to 3-97 per cert for women bewring four children instead of further decrease the percenture of women bearing five children has been aimost doubted, that is 8'62 per cent. There ele no women in the Dhenkens study area bearing more than live children. But in the Keanther study area such women were present, 196 per centilds are or died neve even nemore to are end 1.32 per cent to more than air children.

YASLE B Percenteds of ever married female with no of children (C 14) years of any

				move of C	nerbild			
S-redy Area	No critd	0.00	Teo	Three	Pour	Fire	Sα	More than are
Dherkant	(9-09)	23-14	17:36	12:50	2-68	1-95		
Kesn har	13.24	22-52	18 56	16-68	3-97	6-62	1 99	1 32

Women having offspring above 14 years of age are not undered as pounting.

Sirghs in the last one year by order of birth In percentage (Study area-1984) reformation on births during the last one year By order of birth were councied from the study area. If a women had reported having given forth to a child during the last one year and f the total number of children ever born to her were say & then the last year's birth in order of Birth Is 4. Such a classification of bitth by perity is extremely useful for a number of

presented in table 9. The table shows that 3 boths have taken prace in the youngest age-group of 15-15 years. The same number of births has also

aga-group of \$5-39 years in the Dhankana) study area. But there is no such researce of second both for the older sunties, is the Kenwise Brische acts. The fourth fifth and eight forthe have all taken place within the range electing from 25 years to 44 years. Even the 8th and Sch blicks have occurred in the age-group of 30-34 years and such larger sumber of births. respons. The data relation to this problem are by the women of middle squ-group. Even the born of 10th in order by women of 35-39 years have occured in Observanti district. But the women of Econiter have no experience of giving bith to such a verge number of children.

taken place in the next higher age-group of

20-24 years. The data show that even the

second both has taken blace in the much wider

TABLE 9

Bitte in the last one year by order of bitth in pattentage. (1984 story ores,

81.	Age-group	of		et .	2n		3	d
No	Mother		DICL	KEO	DKL	KED	DK.	KEO
61	(2		+3>	(4	(6)	6)	,7)	8)
1	10-14				**			
2	18-19		12:50	33:33	3/23	9-33	6:45	
3	28-24		27:27	10:53	27-27	5.26	18-18	10-53
4	25-29							4.1
8	30-34				8.48			
6	26 39				3:70	-		
7	40-44	**					**	100
8	4549						-	-
	60+			**		**		-
10	1548		5-11	8:18	8-11	2:06	2:92	2.06
St.	Age-group			th	Eq.			lth
No	Methor		Dict		DKC		DKL	KEO
(1)	(2)		(9)	(10)	(11)	(12)	(12)	(14)
1	10-14							
	15—10							
2							-	
-	25-28		17-68		11.78	0.28		18:75
	30-34		P-08	887	323	13:33	2:23	18.10
			8.00	0.01				
8	35-38				370	7-10		7-69
							10	2.6
	40-44							
	40—44 45—49							
8						-		
8	45-49						1-46	412

SL	Age-group of	71		8			10	10		Remarka
No	Mother	7992	KEO.	DICL	KEQ.	DKE	KEO.	DKI	KED	
(1)	(2)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	1014									
2	16-19									
3	20-26									
4	25-29									
5	30-34			3:23		3:23				
6	35-39							3/70		

7 40-44 45-40

5c -

10 15-49

1-09 0-71

Sex ratio of children (1-14 years) ever born The number of main children and femule etricizen barn to warmen of different age-arough wants between the two sludy areas. The Table 30 gives the information regarding this matter It is seen that on the whole the proper-Non of Servere Children to make Children of the analyzoup of 1-14 years is present in the Kenncher study some than in the Dhenkanel enidy rose. The sex retto in the former arise in

greeter in Kegrijher (hart in Dhenkanal and in one test occurs the exer ratio has recessed 5000 n Chenkonal where us it has gone up to 1400 in the age group of 20-24 in Knomhair Sex retio of Surviving children (1-14

Years)

it is interesting to company Table 9 with Table 10 which gives referration about the sex ratio of surviving children (1-14 Years). It is found

that 526 per cam of male children and 50-4 per pent of female children of 1-14 years, born to women in sharr whole reproductive and range from 15 to 48 years survived in the Dheckstell pres. The porresponding figures for the Kepfilher ares in 76 per cent and 86.6 per cent respectively. The mortacity of female, children has touched 50 per bent mark in three sor proups of their mothers than is 20-24 years. 30-34 years and 40-44 Years, in Dhankonsl 741 67 wheeles it is 562 89 in the letter area where as it has crossed only in one son-moun that is 35-39 years of their mothers is Kenniket In four out of eacht ann occurs, the sex ratio is Nothing can be inferred from this difference except that one can do for the influence on the Dherkotal _usings of the Hindu society in wively female children no not taken care of properly as the male children are. It may be

mentioned that in a tribal society no difference in attitude symposis the male and female shotien so marked. A male child is as much welcome as a female child is and therefore the lighter is in no way discriminated against as her courserpers or a Hindly society suffers.

TABLE 10
See miss of children (1-14) ever hore

Sh	Prosent		Dherkins			Study Area Keosyher		Dhen	Kansı - Kı	soft int
No.	age of mother	Major		Sex ratio		Fymales	Sex retio	Maloo	Females	Sex ratio
(1)	(2)	(3)	(4)	(8)	(6)	(7)	(0)	(9)	(10)	(11)
,	15-19		1	128	8	7	875	18	8	800
	20-14	9	0	666 57	10	14	1400	19	20	1067-83
	26-29	26	24	923-08	25	12	413 79	55	30	654/54
	30-34	43	34	290 71	24	16	625	67	49	731 34
5	25 -30	37	18	480 48	24	22	816-87	61	40	656-74
	40-44	27	21	814-61	11	7	630:38	38	29	763-10
,	4549	17	4	230-28	14	12	BB7*14	81	16	610-1
8	EO and above.	10	10	1000	11		810-18	21	10	804-7
	15-49	187	109	552 69	120	89	741 57	287	198	689.8

TABLE 11

	Sex salio	(11)		416-67	1,444.44	68b71	874.42	560-97	656.67	678-915	1,250	681 02	
	femsite	(10)		40	9	35	28	2	12	=	0,	117	
	Melas	(2)		12	ø	я	\$	ş	2	6.	60	177	
	Sign ratio	(8)		668.67	1,000-07	823-81	571.43	100.00	750	8	91-128	16-12-31	
AND ASSESSED TO COMPANY DESCRIPTION AND ASSESSED.	Stydy area Females	E			2	#	22	=				ដ	
D 1000 D	Males	Ġ			10	Ħ	Ħ	8	10	8	7	SI.	
	Sax refin	É		1868	1,000	628-67	172-72	824428	00-008	200-02	857	80700	
	Females	(4)		6	.**	p	17	21	esi	n	*	a	
	Males	63		۰	п	2	N	E	10	0	-	8	
	Prepart age of meetra	8		1 18-10	# T	27 28	20-PR	8 - 8	49 - 44 44 - 44	8—8	BD and allows	100	
	15.08	£	1		64	п	*	10		6	-	•	
						43							

Awerage number of children ever bo

The laving confliction are as different between the Discolated and Kizolibir restly areas that are many think of some difference in regard to be average matter of children from the confliction of the con

n the age group of 20 54 years.

aturby area.

45-49 years. As compared with the Dhankshall study area the average number of children ever born per worsen is greater in five out of eight age-groups in the Keenihar study eres. In this the average has been as high as five, but in the case of Dhenkanal the figure has not exceeded three in any age-group. As compared with all India average it is seen that the averages in the first three age groups are lower in tights than in the goldy areas taken together. But in the remaining five higher appropriate the everyone are much blober. For example, the average in the age-group of 50 years and above for both the study areas is only 2 whereas the corres. conding figure for the country as a whole is ahigh 25 4 735

Average number of children ever porn slive per woman

Average i umbat of child an eval born is vo per violetin in different ege groups is given in the

							TABLE 1	2					
		A	eage	060	nbar	of c	-ताका वा	o bon	n p.v	ve per wa	men		
Area							Age gro	rep					
	15	19	20	24	25	29	20 34	35	39	4041	46~ 49	80	15 49
													-
Keen his elutiv atex						2	2	3		2	2	1	2
Dhenkanul		1				2	3	3		5	5	2	2

(400)her Shedkanel	bno	1-	2	3	3	8	4	-6	2	3
nette		0.173	1.33	2.413	3.855	4.284	4.712	4 Biro	4.774	

Child worsen ratio (1984)

The child worsen ratio (1984)

The child worsen ratio (1985) a connected study areas as compared with Orises and India de

fa	Floring 1	0.10	PROFE		
9	$R_i = \frac{100-R}{1.5140} \times 1000$		Child Women Re		4
	01		Study Area	CV	vs.
	Proportion (P) of total riving children in the age-group of 0-4 years to females (P) in the set group of 15 49 years.			B _c	$R_{\rm J}$
	8 1000	1	Keonghay	371	504
4	и 2, 1000	2	Ohenkans:	368	496
	Proportion Pj of total twing children in		Ordes 1981	507	708
	the poc-distup or 5-9 years to families . Fi				

It is seen that between the two attudy areas Dhenkates shows a lower fertility level both in R and R₂ then what is recorded for Keorghot The CWRs corresponding to the age-group

0-415-49 and to the ope-group 5.3.25-54 for both the study areas for 1984 are much tower than what those in Orissa and India as a whole for 1981.

Age specific merital fertility rate (ASMFR)

The age specific merital fertility rate (ASMFR) is defounded to find out the arrisage number of whichen born allive during the last year per financial woman of a patitivular age-group. The Table 14 gives the ASMFR for the age-groups for the study arrease. The last over of the relating last over the study arrease. The last over of the relating last services are settled to the study arrease. The last over of the relating last services are settled to the services are settled t

. TABLE 14 ASSEER

Age-group		Study setter	,
	Knonjher	Dhunkana	Keprihar Distrikting opmbitted
(1	.5)	{3,	(4
1519	0.42	0-16	0:29
20-24	0:20	0.09	0-18
26-29	9:26	0:18	0.22
30-34	0:20	0:10	0.15
35-39	0.16	0-04	0.10
40-44	0:11	0.2	0:16
GMPR(15 Study Area	49 208 18	108 33	1573

This table shows that the ege aperiolic marital restrict rate for all the six age groups: It has no the case of Dhankers like that of Koonthal. The grissed market faction rate (CMPE) is also down in Dhanhase than that of Koonthal Both his study areas inspect a sower GMER as componed in 10 x 1/38 areas of dies as existing the control of 10 x 1/38 areas of dies as existing the control of 10 x 1/38 areas of dies as existing the control of 10 x 1/38 areas of dies.

Sarren women

Married women who have attribed menopause and are above 40 years of age and have not been considered barren. The Table 15 gives the distribution of barren women in the study area.

TABLE 15

Age-group	Keonhar	Dhenkanal
35-39	1	
6064	1	1
45 -48		2

The barrier woman belonging to the age group of the group of 35—36 is really of 39 years old and has no possibility of barring chitig. These are thus from borner woman enrough 117 married woman of the age-group belond 39 years of age in a too might district. The works out 340 per cent of before woman who have wom no possibility or pos

bearing children
In the case of Dhesicanal there are these
beron worken observe 40 years of ago and the
cooperition of being worker in Dhesicanal contex
being as core. Bearing worker in Dhesicanal contex
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TABLE 16 Women with na issue so far

richina age	8400	dy area
	Koon]har	Dhankso
26		1
27		1
31	 1	- 5
32	1	
34		1

Total , 2 s

There is a general notice that the Joseph protocology the extension from a the Joseph protocology the second from a the Joseph protocology the second from the Joseph protocology the Second protocology that the Joseph protocology the Joseph protocology that the Joseph protocology the Joseph protocology that the Joseph protocology distribution and protocology distribution and the Joseph protocology distribution and protocology distribution and the Joseph protocology distribution and the

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Jr. bod	Outer cheldren ettend the younger ense and gelts staat receives in household work Yiele, enousing exoluted beautier to ge to work well patheres. Since children getter to play abound the verage.	No work	Younger chulean are light at home withly present work devidence Ottage challens and out persons when yourness children and here Odder Children at here Odder Children at here Odder Children at here to Odder Children are weder absents to verder absents on	No work Gelts easiet mothers in perforeing dompetic, work	Go to bad after the evening resel. Brown up boys and girls democraria engage in gestelping, joking and change democ or anging.
	Dantestric Charet—Clean the house worth posts and utensite feeth weren from neutry othering washing profest and neutry othering and serving meals, child care	Leave home for work site	Afanue Lebeur (Same as trose of the males)	Britarn comes from excelors work. Conflights: Thores 4-each waster produce overing steel progress had studys, server mask, freed children, cleans trevests.	Go to best after freshing dome after works. Sometimes fluck topstiver to sing and dance.
GW up and attend the call of nature	Gather at the Mejamp, and spread time an smaking and leasurely possioning, brushing tooth and saking the reserve eve. I	Lative toesse for work alto	Mensel Labour and the Application of the Application works in shifting culti- version sides or other farm straig or work for wages earming. Collectuar- of line weath supress, and oblibes from the forest.	Return horse from work eat the eventing med	Majaring should not star , it the factors are propple go to the second field to wanted the coops against the attack of wild enmays from proposite against receiving the stacking prosper stacking the stacking and stacking
40 A 60 A	# F F F F F F F F F F F F F F F F F F F	8 a.m10 a.m.	10 s m 12 Noon 12 Noon-2 p m 2 p m —6 p m	4 p m -6 p m	8 p. m4 s. m
	GW up and altend the cult of nature	6 A m right on a stead the call of Gen and emend the call of all of the call o	Out of the about he can of one and enroll the call of culture. In which the call of culture is the size of cold culture. Controlling the culture is the culture of cold culture. Controlling the culture of culture is the culture of culture in the culture of culture is the culture of culture in the culture of culture is the culture of culture in the culture in the culture is the culture in the culture in the culture is the culture in the culture in the culture is the culture in the culture in the culture in the culture is the culture in the culture in the culture in the culture is the culture in the cu	Office and another to a city of one and more the city of active to the city of	Office the shared to a cold of the cold of col

(Diseasoned Shady Area)

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Preparation for garing to leads fine work. Whending, transplanting restoration of line wound, caleting greating ericl gleanings,
for vest taking tithes or made. The kelling is those of the moles made necesses which is the field.
Stitleum from frield and help m knukling paddy. Like rest Talking rithin and droplang luce of bolded oppur from , seld glelle making, cetting gases eleterfring call of salpine and talking care of cattle and poats.
Gathering, gosteking and relaxing at the Akhada ghar (collamon house)
Taking ment and steeping









8 8 E

Food vlatag fM	AMMYKLINE 3 (e) Food than thirtwell equipments of Deligate hiers been that net Main Adult Unit	ANNE dosse, of Did	ANNEX.JPE 3 (e) of Distouse fears he	wa Daile a	er Mate Ad		(Koonjhar Study Area)	Area)
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		ű	ı	g	0m	á	gw	ê
	0.34	42.54	82	204	0.68	262-6	0.034	0.0
	0.12	39.50	9.0	1 32	0.20	20.0	0.03	0.54
	0.13	17:03	9.23	1 65	4 60	94.51	0.43	8
	0 003	0.17	0.68	0-73	900	0.48	0.01	00
	0111	89.24	92-9	1.1	1.46	8.6	0.45	-
	000	82.00	0.83	0.18	0.81	5 13	0 03	0.0
	0000	0.61	0.03	0.00	0.01	0.26	0.00	S
	600	1,974	3-30	0.54	1.53	64.9	0-13	613
	0-003	0.39	0.19	6.0	0.08	2.09	0.00	00
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	0.01							
	906.0	204 54	25.55	9.66	10 75	458 73	-	2.74
Ryccenmonded Dietary - Hoseance			12	(00)			0.4 06 (0.5)	-
Sufficiency Belwiency percent-	,		3.98()	48714		:	90	

1 2 4

Average dailt h	Avverage dark lotatio of different food items per adult unit	soot tru			Food	Food Value (Nutrebrits)	ments)		
Name of the Name	ua ₁	Occurity (in Kp.)	Monture	Predelli	3	Signs	Carloo hydrate	Calcum	Photofolus
8		€	£	6	(8)	6	(8)	8	(10)
tica		0.29	36.54	24.85	4.71	0.58	231 88	0.03	18-0
Pheer Breed		000	16 32	3.2	0.44	0.33	19.6	0.01	80-0
Virtue	-	0.18	23-98	12.18	2.34	0.49	130 8	0.0	0.49
Mostard		0.001	0.08	0.42	0.39	200	0.54	0	0.00
Green Popeya		100	2.90	69-0	41.0	0.63	3 80	0.03	0.03
John Leeves (Sed)		0.103	80.0	8-25	1.03	1 37	9 09	0.42	0.93
Jack Fruit Seeds		0.000	3.22	0.33	0.05	0.02	1.29	0.00	100
Mohal Flower		0.028	4 68	-	0.15	0.42	18	0.03	0.03
Commerce		0.002	0.28	0.13	0-1	0.00	1738	0	0.01
Sneen Challine		0.000	6-61	0.23	0.02	0.64	0.43	0.00	100
Contem Gill	:	0.005			en				
Common Balt	;	0.013			,				
(a) Total		0-738	52 627	48-38	90	10-48	41887	111	241
(b) Recommended Distary allowances	ary allowanous			16	(50)			94 00	I
(c) Sufficiency/Duficiency/percentage	A percentage			3.38	1959			130	

(18) 8.4 0.65 Ascorbic Knorghar Study Area) 0.0 Casoline Thiestime Niscin 0.056 0.056 0.007 0.007 0.011 1.3 (48) secol Valte (Hoteleats Composition) of Different limits taken dany per Female Adday Unit Food Value (Numents) 0.03 0.70 541 541 16.9 86.61 6.98 6.98 Calonies (Enthgy) selt NACL (17) 9-12 1-2 0-16 0-63 1-16 0-63 1-16 0-63 1-16 0-63 9-025 0.002 9-28 9-98 9-18 9-001 9-103 0-103 Avvenge daily firmlos of different food risms per adult unit Name of the Item nean Leawer (Sag Veen Phonys

29.1

903 78

-110

1-27

0.00

1,458-25 3300

-4

6.29

Doptary Sufficiency Deficiency

5

	Average davy a	mean of per adult	different unit	Mointe	Profess.	printry of food v	ridge consigni Fibr	Quantity of food value consume pe day per udu and file. Estochastico Cata	Calcum	Phosphore
10 10 10 10 10 10 10 10	Foodstuff		Ousentiny in Ko.	an Grap	in Cm	5	- Gre	ay Qu	in Gir	n Gm
March Marc	. 63		6	9	E.	8	6	(9)	(8)	(10)
Marked M	95		0.645		24.62	2.82	1.29	A277 9A	90-0	1.01
Company Comp	ed Pulled fice		0.021		2.0	0.00	0.21	52~54	0.01	011
Column C	sak arası Dol		0.000		2.16	0.13	0.00	6-43	0.00	0.03
Other Control of Contr	dy to		0-012		0.19	10-0	900	2.75	0.001	0.004
100 100	tion & Caste		0.017		0.04	0.02	0,0	3.45	0.03	0.00
944 945 955 914 945 945 945 945 945 945 945 945 945 94	notes		0+0+0		2.04	09-0	0.03	3-63	0.10	0.30
1 1 1 1 1 1 1 1 1 1	des fineses		0-002		0.04	0000	0.05	0.15	0 001	0.005
1	crimin		0.00		0.10	0.01	0.07	0.63	0.001	0.000
DESCRIPTION OF THE PROPERTY OF	and bedoning		0.003		0.14	0.00%	0.012	0.13	0.005	0.033
1 1 1 1 1 1 1 1 1 1	9		9000		4.42	900		0	0.485	0.19
0004 333 017 017 017 014 094 0 0004 333 017 017 017 019 014 014 0 015 1624 015 016 017 018 019 0 000 010 010 010 010 014 010 0	assund Oil		900-0		:	un				
	9	:	0.013				:		,	
0.035 169346 7010 962 3177 66619 1	hiller		0000	330	0.12	200	180	929	9.001	2007
30 G 50 G 440 G 440 G 50 G 440 G 50 G 50	otal .		0.936	160244	70.04	362	3172	566-69	1.76	3:23
0.04 G 128.99 G 128.99 G	ecommended d	hetary			10 00	8		740 6	089	14 6
:	Owanee Fielency				0.040			126.98 G	1-68 G	217 G
	Dofferency	٠		:		40.38 G.				

8 - 4 0 4

Comparison Com	- 1								2	(Dhenkansi study eres)	dy eres)
1	ನ ಕ	Activerage daily inta- food there per Food-stuff	he of different adult und Ouertey	ŝ	100 M	Ownrelly o Colores Energy	food valve Catotene	совяцию рек Такитете	day per Maçie	Ribollarn	Acorbio
Color Colo			de se	o Mg	Mad in Gr.	in Keel	in Mg.	o Mg	o Mg	in Mg.	th Mg
Market 6015 (180 190 190 190 190 190 190 190 190 190 19	ε		6	(11)	(12)	[13]	(14)	(15)	(16)	(17)	(18)
1	*-	Rice	9494	1806		224460	2806	1 740	872	0.770	
Fig. 1 (2) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	64	Frind, Pulled Rice	1/0-0	04-4		11-522		0.150	231	Dena	
1	19	Black green Det	0.000	84		31.60	342	866	0.18	0-03	
Compared	*	Potato	0.012	90.0		11 88	8.2	10-6	0.14	0.001	2.05
war cond 433 315 6 051 051 051 051 051 051 051 051 051 051	ю	Onion & Garlis	0.017	0.17		19-40	127	0.120	0.03	0-05	208
We could be seen a see of the could be seen as a see of the could	w	Greens	0.040	433		25.87	18-40	100	0.28	90-0	42.63
and construction of the co	1	Laddey fingers	0-007	0.03		0.82	116	0.001	10-0	0.000	0.32
Fig. 100	ю	Pumpida	0100	0-02		282	20	900-0	900	0.004	0.30
A	Ø1	Mushrooms	0.003	90,0		128	0	900-6	0.67	0.002	0.38
4 0000 6 0000 6 0 0 0 0 0 0 0 0 0 0 0 0	2	Flah	0.00%	113		18:20	0	900-0	0.27	9000	c
696 20 20 20 20 20 20 20 20 20 20 20 20 20	F	Mustard oil	90000			4					
004 99 38 15 20 00 00 00 00 00 00 00 00 00 00 00 00	12	-	0.013		13						;
Mad denny CSS 2055 113 20548 1122/20 2050 2050 2050 2050 2050 2050 2050	2	Chillips	0.004	0.00			7	9000	0.00	0000	4-64
Just diversy 277 Mg, 179 G, 2500 5000 G 14 Mg, 19 Mg, 19 Mg, 2501 Hg, 19 Mg, 19	2	Total	0.836	2928			1729.78	2,095	28.80	0.83	51.63
145 1060 1060 1060 1060 1060 1060 1060 106	un T	Recommended deepy afformance.		27.7 Mg.			3000 6	1.8 Mg	19 M		200 Mg.
45 g 1271 22 Mg.	92	Sufficiency		148 G		134.20 Kot		1-29 G	10-99 G		
	12	Deliciency	,		P 54		1271 22 Mg.			0.57 Ma.	148 07 Mo

The color of potential parameters and the color of the					AMMENONE O (O)LORNO		-	44.44		
Average darky crists of distance control of di		FOOD VAING (Matchesia	Compassin	on) of differ	82 SHAZE 28	con among to	to ramon		and branch Par	the Asses
Annaly A								on .	erecine or	ook week
According to the control of the cont	45	Average daily	pate		Ousnithy	to bod to	Ne compar	ne per day per		
First bard 1988 198	₩g.	good,		Νορχέσαι	Protestin	Far	Fibre	Carbohydrato		Phomphon
Column		Fund soult	Quantity 11 Kg.	in Gred.	In Gms	in Gms	an Game.	a Gma	in Gene,	in Gms
Manual	€		3	(4)	(6)	0	6	6	8	(10)
Particular Par	-	Rice	0120	77-87	23-23	20	123	477 10	900	173
Decided Services of the control of t	~	Pulfied Rice .	0.024	0.63	Ţ	0.07	0.17	37.71	9.006	90-0
Probability of the control of the co	93	Del	0.000	0.88	2.16	0.13	90-0	5+43	0.05	0.03
Downwellering (1997) 1173 260 570 570 570 570 570 570 570 570 570 57	46	Potala	910-0	11 95	0.26	0.03	90-0	3.65	0.002	0.000
County	ID.		0.016	11.97	9-0	200	0.10	373	0.05	0.03
Lucardian general 278 cele casa or 016 cele or 018 cel	80	Cosse	0.057	48-27	2:30	062	0.76	6.03	0.23	0.63
Part	-	Lodes fager	0-005	176	900	0.004	0.05	0.16	0.001	0.003
Machiner 0909 240 014 034 017 019 019 019 019 019 019 019 019 019 019	co		0100	97-6	914	100	0-07	0-63	0.003	0-003
In this In the component of the comp	- 69		5000	266	0.14	0.24	0.012	6.123	0.001	0.033
Magazinal graph : 5	2		0-007	0.608	619	90.0		0	0-088	0.27
Same	=		0.000			100				
Owner Collect Popul 2-df Collect DAZ COLT	2		2100	:	:	1	ŧ	:	ì	-
Total 6787 169-259 6698 9124 2702 519719 941 17 169-259 1698 9124 2702 519719 941 17 169-259 1698 17 17 17 17 17 17 17 17 17 17 17 17 17	23		0.003	2.47	0-02	0.02	0.20	0.18	0.001	0.002
Requiremented dehaty 70 50 440 08 Requiremented dehaty 70 50 50 470 08 170 50 1	3.4		0.787	169-329	98-99	9-824	2 702	513,219	0.41	2.54
Suthicking 79.72 Deficience 9:16 40:18 0:09	10				10	2		440	0.8	1.4
Deficiency 216 4018	60		:			,	•	73.72		114
	17	Deficiency	1	:	2.16	40-18	:	;	6,38	•

	(Dhenkonar Study Area)		A Ascerbin	Acid In Mg.	(18)					1-92		0.32	0.5	0.38	۰				89-48	200
	henternar S	nnk	Riboliayrs	n Mg	(11)	0.34	0.01	0.03	0-002	0.03	0.07	0.002	9000	0.000	0.000			0-01	0.899	1.6
1	d)	tipe add	Nupote	" Mp	(18)	2472	0.18	0.18	0.18	900	0.40	0.01	90.0	0.03	0.33			0.05	26 26	22
ner franch a	- No. 100.00	ume per day	Thiaming	on Mg	(11)	1.67	900	900	0.05	0.11	0.02	0.001	900-0	900-0	800.0			0.000	1938	1.0
most.	Steel Date	Chamility of food value consume per day per adult, unit	Catplene	the se	(14)	56.62		342	3.94	12	2337	1 10	g	0	0			5.25	241249	3000
ANNEXURE 3 (a)—Consid	Ductor Militar	authy of foo	Colones	Energy on Keal	(13)	2150-61	28-45	31.6	15/61	15-44	2887	0.82	27	1.29	25.48	4		0.23	240436	2500
ANNEXUSE	20 to 600	ð	Common	is Go	(12)							;					13		12	175
-	Company		lon	al in	(11)	17 30	1 49	0.88	0.11	0.16	4.33	003	100	0.046	3			0-00	26.636	27-7
	FOOD VALSE (PRICINGLE COMPARISON) OF OSTITUTE TRIPE SAFET FOR ACCOUNTS AND THE	of diffusem	full upil	Opperfiely in Kg.	(5)	0.618	9-00-0	0.008	0.016	0.016	0.067	0.000	0.010	0.003	0.007	900-0	0.017	0.003	0.787	
	4	Averge daly make of different	food Heelts p4F adult unit	Food stuff	(2)	Rose	Porflad Rice	Dal	Potsto	Orson and Gurie	Groter	Ladies lugar	Pumplun	Mushroom	Seh	Mustard or	Salt	Green Chillians	Total T	Recommended dietary

130-64 0.61

124782

\$

4

57 Mg. 285(-) 75 Gm. 42-86(-)

> 143 Mg-10 Gm.

200 Mg. 176 Mg.(15-20)

(Avoarbic Acid Viterain-C) Correqui Salt

J							
0 £	Constituents Nutrienta	Nutriesta	ICMR Recommended quentity	Average Intake of an edult Joang (Male)	Excess	Deficiency	Paccentage
(6)	(2)		(6)	(4)	(1)	(4)	6
-	Protein		70 Gm.	53-96 Gm.	:	11-02 Gm.	15.74()
19	Carbohydrate		440 gm.	496.79 Gm.	78.79 Gm.		13:36(+)
	Per		80 Gm.	9-86 Gm.	:	40-14 Gm.	80.28()
4	Calories		2500 Koal	231857 keel		(181-43 Gm.	7-20()
0	Calcium		0.8 Gm.	1-3 Gm.	0-3 Gm.		37-6(+)
0	Phosphorus		14 gm	2-74 Gm.	1:34 Gm.	140	(十)(4)
-	Inon		27-7 189.	50-72 Mg.	23-02 Mg.		801(+)
80	Vitamin'A (8-Carolene)	(demail)	3000 Mg	4738-55 Mg.	1735-55 Mg.	:	67-85(+)
	(Thismica) Vitamin-81	18-91	1-8 Mg.	1-8 Mg.	;		1
10	(RIBOPLAVIN) Vitamis-B2	Stamin-B2	1-5 Mg.	1-7 Mg.	0.2 Mg.		13-33(+)
=	Macin		19 Mg.	22-46 Mg.	3.46 Mg.		182(+)

			(Kontjan Stuby A			(Keonjih	(Koonjiya Study Aven)
05 2	Constituents Nutrients		ICMR Recommended quantity	Average belate of so Adult Justo femals	Excess	Deficiency	Pszotetage
€	£		6	3	(9)	(9)	3
-	Protein	:	70 Gm.	48 38 Gm	1	21-62 Gm.	3048 ()
64	Carbohydrele		440 Gm	418-87 Gm.		21-13 gm	48 (-
60	Fak	÷	80 Gm.	8-39 Gm.		4-61 Gm	83.22 (-
42	Calorine	÷	2500 Kcel.	1903-78 Kcal		596-22 total	23-85 (
10	Celolom		08 Gm	1-11 Gm.	0-31 Gm		39.75 (+
100	Phosphorus		1-4 Gm,	2-41 Gm.	1-01 G/m.		72-16 (+)
-	Nen		27-7 Mg.	20-20-Mg.	768 Mg.	:	27-6 (+-)
0	B-Carottne Vitemin A		3000 Mg.	4488-25 Mg	1468.25 Mg.		49 88 64
0	(THIAMINE) Vaemin—81	3	1.8 Mg.	1-59 Mg.	:	0.12 Mg.	() 188
0	RIBOPLAVSK VREDSHB2	:	1-5 Mg	1:08 Mg.		041 Mg.	27:33 ()
=	NIACIN		10 Mg.	16-37 Mg		2-63 Mg.	1384 ()
12	ASCORBIC ACID Vitamin—C		200 Mg.	129-1 Mg.		70-8 Mg.	3646 ()
9	Common Salt Nect.		17-8 Mg.	13 Mg.		45 Gm.	25.71 ()

Composition of the Average Diet of Johns Mile compand with Indian Council of Medical Research (ICMR). Incommended Dar. ANNEXURE 4 (b)

No.	Countitioents Nutrients		ICMR Recommend Cushitiy	Average intake of en Adult-Josep (Male)	Encose	Deficiency	Percentage
£	6		(2)	(4)	(9)	(0)	8
-	Protein	:	70 Gm.	70 04 Gm.	0-04 Gm.		(+) 500
**	Carbohydraes	:	440 gm.	866 69 Gm	128 69 Gm.		20:70 (+)
0	Pe	:	80 dm?	9-62 Gm.		40 36 Gm.	80.38 ()
4	Calcrise		2,500 Kost	2,63639 (Kcal)	134.39 Kosl		637 (+)
80	Calcium		0-8 gm	F78-Gm.	1-68 Gm.		210 (+)
0	Phosphonso	:	1-4 gm.	367 Gm.	2-17 Gm		168 (+)
-	thou .		27-7 Mg -	28-25 Mg.	1-55 Mg.	:	6-58 (+)
60	Carolena Viteman A		300 Mg.	1,728 78 Gni.		1,271-22 Mg	42-37 ()
	Thiermine Vitamin 8		1-B Mg.	2:09 Mg.	1-29 Mg.		71-66 (+)
10	Ribottavin Vitamin 92		1-E Mg.	0.93 Mg.		0-67 Mg.	S (+)
=	Macin	:	18 Mg.	29-90 Mg.	10 80 Mg.		(+) M993
32	Ascorbic Acid Vitamin C		200 Mg.	81-93 Mg.		148-07 Mg.	74 03 ()
93	Common Selt		17-8 Mg. (15-20)	13 (6)		4.5 Ma.	2871 (-1

10 10 10 10 10 10 10 10								
D)	15 G	Countity sents	Numberta	ICMR Recommended quentity	Average Intske of an adult Jung (F)	Encoun	Deficiency	Percentage
100 mm (0010 mm) 100 mm (0010	2	(2)		(3)			(9)	3
646 on. 1172 on. 127 on. 1	-	Phyliein		70 Gm.	56.85 Gm.	:	3-16	4-6()
300 das. 8 123 das 1000 fact 14 das. 714 das 277 fact 14 fa	24	Carlterbrydrote		440 gm.	613-22 Gm.	33.22 Gm.		16-64(-1-)
3000 food 2 decisions of the control of the con	013	Par.		50 am.	0.82 am.	:	4018 Gm.	80-30()
. 14 Gen. 74 Gen. 74 Gen. 74 Gen. 74 Gen. 74 Gen. 74 Gen. 75 G	*	Calorina		2,800 Keal	2,404.36 Keal		58-65 Gm.	3-83()
1 1 4 000 1 2 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4	Mb.	Calclans		0.8 GM.	0-41 Gm.		0-39 Gm.	49.75()
777 Mag. 2504 Mg. 2504 Mg 177 Mg. 2504 Mg 1514 Mg 1	16	Phosphymus		1-4 Gm.	2-54 gm.	1-14 Gm.		(+)
7.000 Mg 2,655 ci Mg. 194 Mg. 194 Mg. 194 Mg. 194 Mg. 195 Mg.	-	hon		Z7-7 Mg.	28 04 Mg.		1-05 Mg.	6-99()
151 Mg 15		Caroffeur Vitaersin A			2,412-49 Mg.		587-S1 Mg.	19 55()
19 Mg. 098 Mg 19 Mg. 282 Mg 200 Mg. 0945 Mg 209 Mg. 17 Mg.		Thiamine Vitamin B		1-8 Mg.	1-94 Mg	3-14 Mg.		7-78(+)
19 Mg. 28:29 Mg 200 Mg 17 Mg 17 Mg	0	H.bofferin Vitamin B	-	1-8 Mg.	0.89 Mg		0-61 Mg.	40-87()
200 Mg. 69-46 Mg 17-Mg	=	Wheth	:	19 Mg.	28-76 Mg.	7-25 Mg	*	3818(4)
175 Mg.	2		-	200 Mg.	69-46 Mg.		130-54 Mg.	0527()
	22	Common Selt		17-5 Mg.	17 Mg.		05 Gm.	2-88(-)